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INTL DD DATE 7/11/03

CULTURAL RESOURCE INVENTORY OF WESTPORT OIL AND GAS COMPANY PROPOSED EIGHT WELL LOCATIONS ON GLEN BENCH, UINTAH COUNTY, UTAH

By:

Christopher M. Nicholson
Keith Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Westport Oil and Gas Company
P.O. Box 1148
1368 South 1200 East
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

July 1, 2003

MOAC Report No. 03-97

United States Department of Interior (FLPMA)
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-0559b

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in June 2003 for eight proposed Westport Oil and Gas Company well locations, access routes, and pipeline corridors. The well locations are designated Glen Bench #822-22D, Glen Bench 822-21H, Glen Bench #822-27D, Glen Bench #822-27I, Love Unit #1121-11K, NBU #1021-5E, NBU #1021-2O, and NBU # 1022-6I. The project area is located on Glen Bench, south of the town of Vernal , Uintah County , Utah. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. The project is situated on public land administered by the Bureaua of Land Management (BLM), Vernal Field Office.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to attain compliance with a number of federal and state mandates, including the National Historic Preservation Act of 1966 (as amended), the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1992).

The fieldwork was performed from June 23 through June 25 2003 by Keith Montgomery (Principal Investigator) and assisted by Christopher Nicholson, and Eli Jones. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Project (Survey) No. U-02-MQ-0559b.

A file search for previous inventories and documented cultural resources was completed by Keith Montgomery at the BLM Price Field Office on June 23, 2003. This consultation indicated that numerous archaeological surveys have been completed in the area for oil/gas development. However, no previously recorded sites occur within the immediate project area. In October of 2001, Montgomery Archaeological Consultants, Inc. (MOAC) conducted a survey in the general vicinity of Glen Bench #1021-2O for El Paso's Eleven Well Locations in the Natural Buttes Area, Uintah County, Utah (Montgomery 2001). The survey recommended one site (42Un2960) eligible for the NRHP, but the site is well outside the bounds of this project. Metcalf Archaeological Consultants, Inc. (MAC) conducted four inventories in the area in 1991 resulting in the identification of no archaeological sites (Scott 1991a, and 1991b). In June 2001, Archaeological-Environmental Research Corporation (AERC) completed an inventory, the Love Survey, in the vicinity of 1121-11K (Hauck 2001), and this too yielded no sites.

DESCRIPTION OF PROJECT AREA

Westport Oil and Gas Company's proposed Glen Bench well locations with access and pipeline corridors are situated in: Township 8 South, Range 22 East , Sections 21, 22, and 27; Township 10 South, Range 21 East, Sections 2, 5, 6, and 11; Township 10 South Range 22 East, Section 6 and Township 11 south, Range 21 East, Section 11 (USGS 7.5' Red Wash SW, UT 1968) (Figures 1,2,3,4, and 5). The project area is situated near Glen Bench , east of Wonsits Valley Oil Field in Uintah County, Utah. The exact location of the Westport Oil and Gas Company's Proposed eight well locations, access routes, and pipeline corridors are described in Table 1. The inventory area occurs on land administered by the Bureau of Land Management (BLM), Vernal Field Office.

Table 1. Westport Oil and Gas Company Eight Well Locations, Associated Access and Pipeline Corridors.

Glen Bench #822-22D	T8S, R22E, Sec.22 NW/NW	Pipeline 2859' Access Route 1510'	IF-A
Glen Bench #822-21H	T8S, R22E, Sec.21 NE/SE	Pipeline 218' Access Route 615'	None
Glen Bench #822-27D	T8S, R22E, Sec. 27 NW/SW	Pipeline 1487' Access Route 1483'	None
Glen Bench #822-27I	T8S, R22E, Sec.27 NE/SE	Pipeline 1278' Access Route 363'	None
Love Unit #1121-11K	T11S, R21E, Sec.11 NE/SW and NW/SE	Pipeline191' Access Route 226'	None
NBU #1021-5E	T10S, R21E, Sec.5 SW/NW, and Sec. 6 SE/NE	Pipeline 975' Access Route 898'	None
NBU #1021-2O	T10S, R21E, Sec. 2 SW/SE, and Sec. 11 NW/NE	Pipeline 1096' Access Route 2129'	None
NBU #1022-6I	T10S, R22E, Sec.6 SE/SE	Pipeline 959'	None

The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The entire Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. Wonsits Valley occurs within the Central Badlands District of the Uintah Basin, which is an area of broad erosional benches with extensive badland rims along the

drainages. The heavily eroded benches and mesas are capped with sand and silt which erode downslope forming areas of sand dunes, sand sheets, and colluvial clays. The project area includes aeolian sands and silts that mantle the old piedmont-slope deposits, the alluvial valley fill, and bedrock exposures. Aeolian deposits are somewhat discontinuous and appear as widespread sand sheets and isolated dunes. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone and is well-known for its fossil vertebrate turtles, crocodilians, fish, and mammals.

Specifically, the inventory area is situated along the south side of Glen Bench that slopes gently from northeast to southwest down to the valley floor. The elevation of the project area averages 4800 ft (1467 m) a.s.l. Vegetation in the project area includes greasewood, shadscale, rabbitbrush, thorny horsebrush, snakeweed, winterfat, and prickly pear cactus. Modern disturbances include livestock grazing, roads, and oil/gas development.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well locations, a 10 acre square parcel was defined, centered on the well pad center stake. The interior of the well location parcel was examined for cultural resources by the archaeologist walking parallel transects spaced no more than 10 meters (30 ft) apart. Access road/pipeline corridors were surveyed to a width of 45 m (150 ft) if they occurred together, and to a width of 30 m (100 ft) if the pipeline corridor and/or access road occurred separately. Ground visibility was considered good. A total of 107 acres was inventoried for cultural resources on public land administered by the BLM, Vernal Field Office.

Cultural resources in the project area were recorded either as archaeological sites or isolated finds of artifacts. Isolated finds were defined as individual artifacts or light scatters of items lacking sufficient material culture to warrant IMACS forms or to derive interpretation of human behavior in a cultural and temporal context. All isolated artifacts were plotted on a 7.5' USGS map and are described in this report.

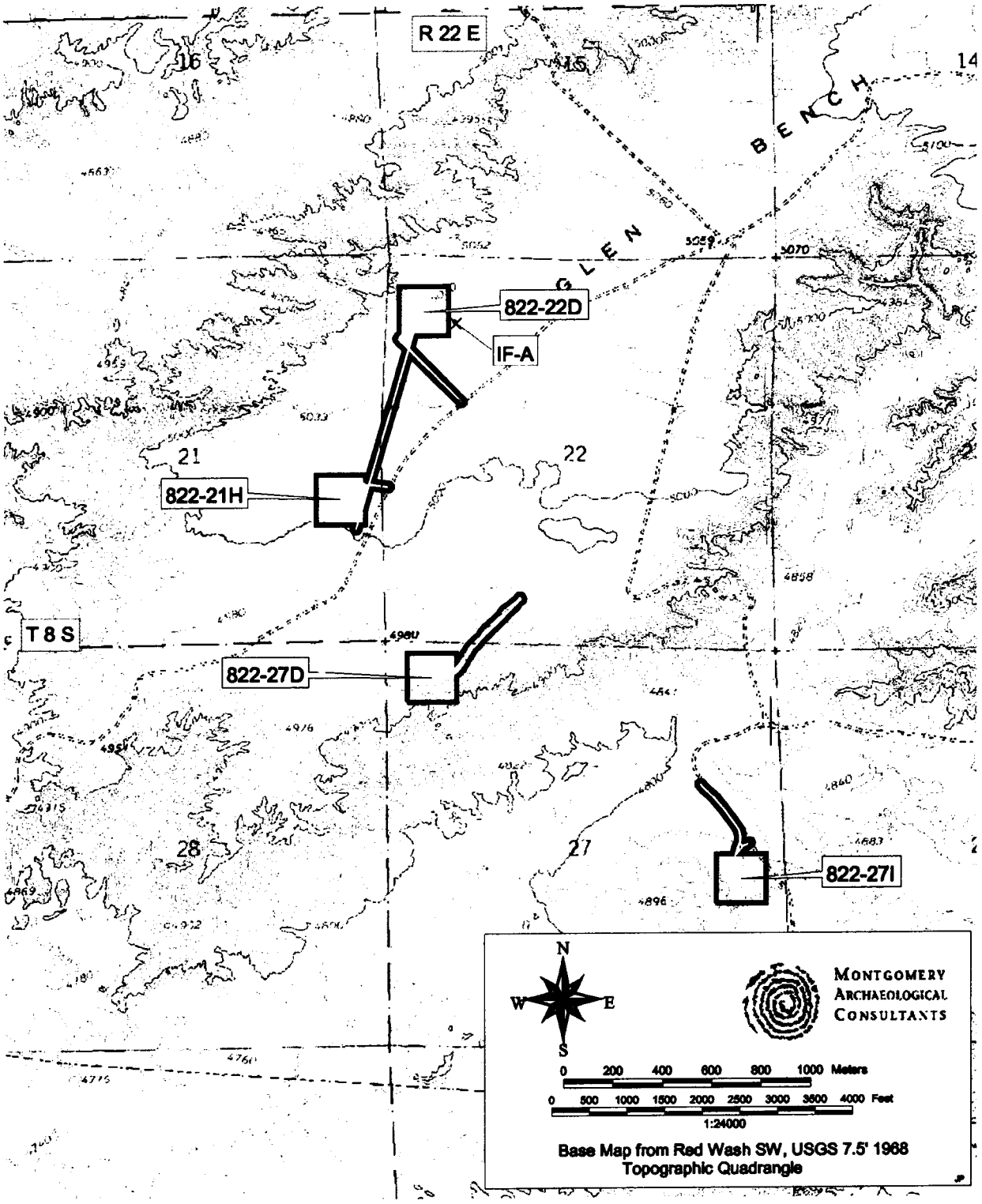


Figure 1. Inventory Area of Westport Oil and Gas Company's Well Location 822-22D, 822-21H, 822-27D, and 822-27I with Associated Access and Pipeline Corridors. USGS 7.5' Red Wash SW, UT 1968. Scale 1:24000.

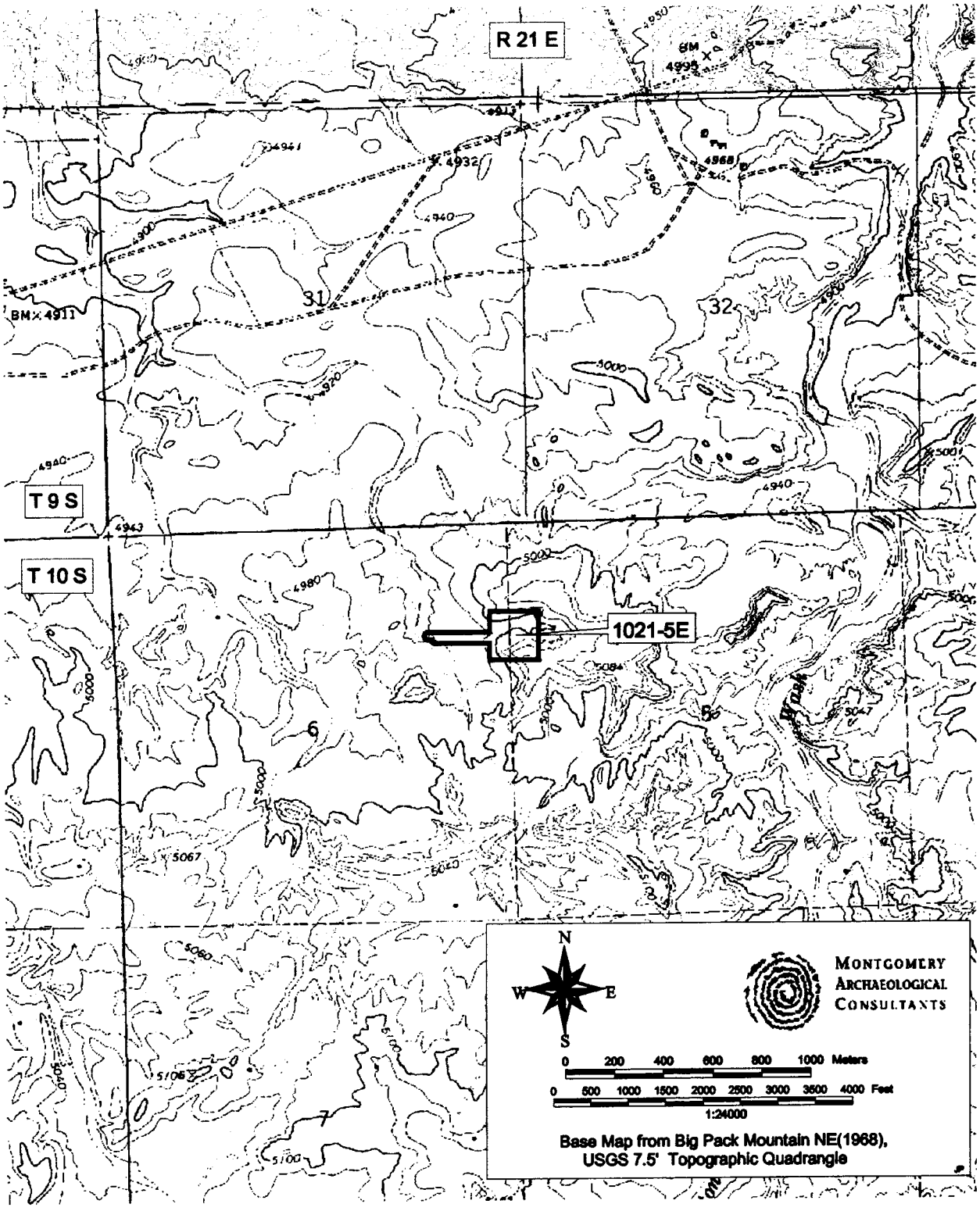


Figure 2. Inventory Area of Westport Oil and Gas Company's Well Location 1021-5E with Associated Access and Pipeline Corridors. USGS 7.5' Big Pack Mountain NE, UT 1968. Scale 1:24000.

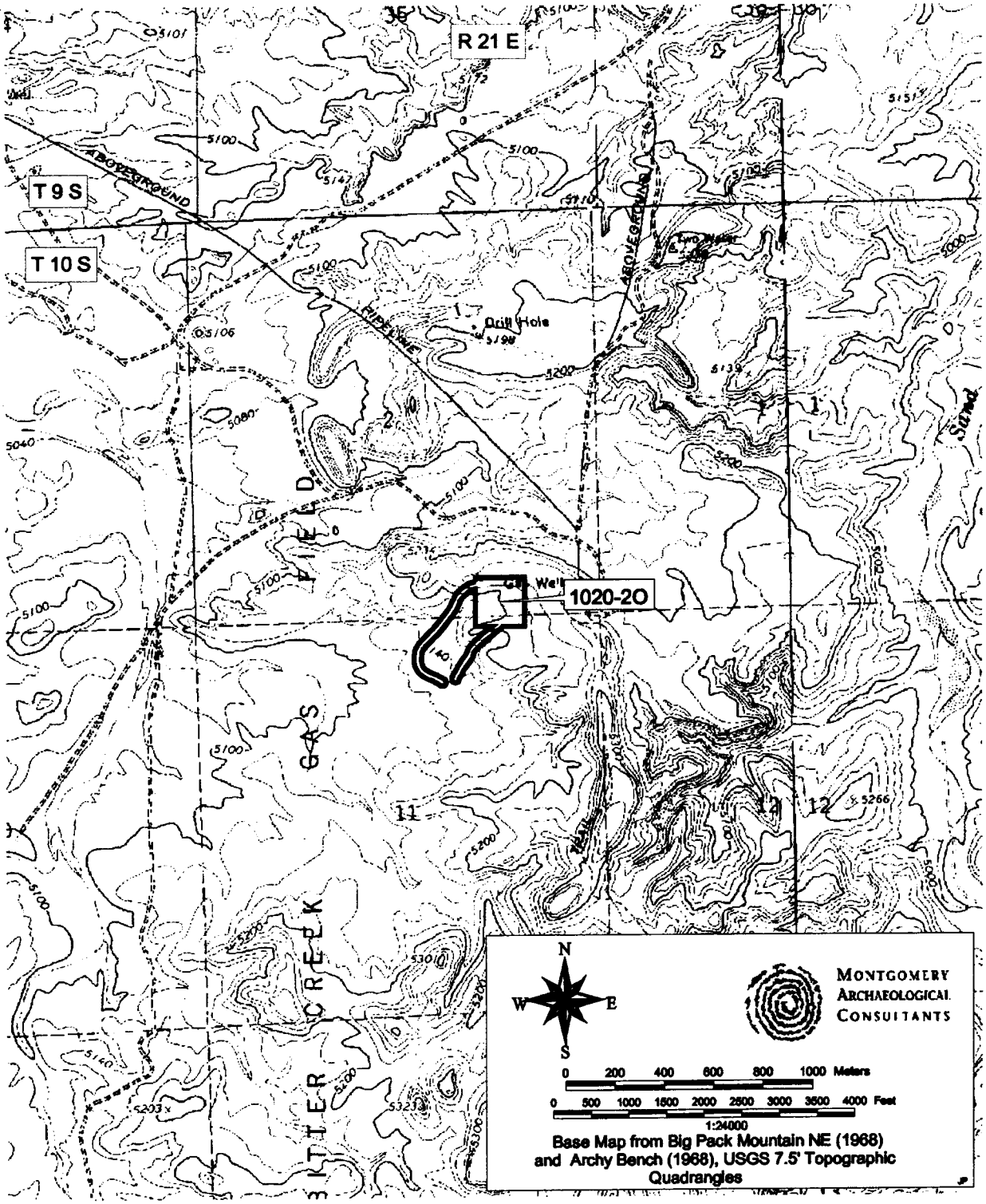


Figure 3. Inventory Area of Westport Oil and Gas Company's Well Location 1020-2O with Associated Access and Pipeline Corridors. USGS 7.5' Big Pack Mountain NE, and Archy Bench, UT 1968. Scale 1:24000.

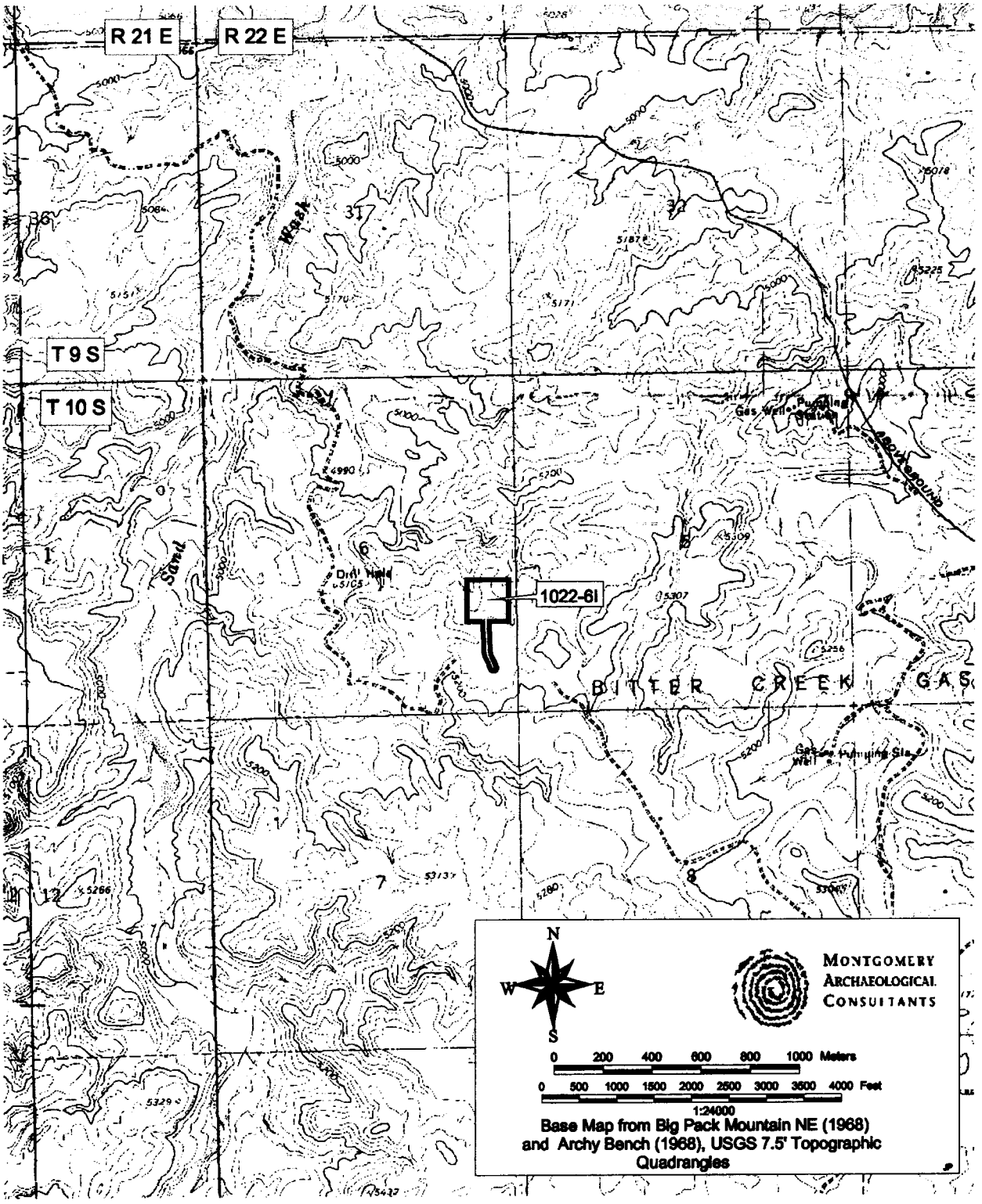


Figure 4. Inventory Area of Westport Oil and Gas Company's Location 1022-6I with Associated Access and Pipeline Corridors. USGS 7.5' Big Pack Mountain NE, and Archy Bench, UT 1968. Scale 1:24000.

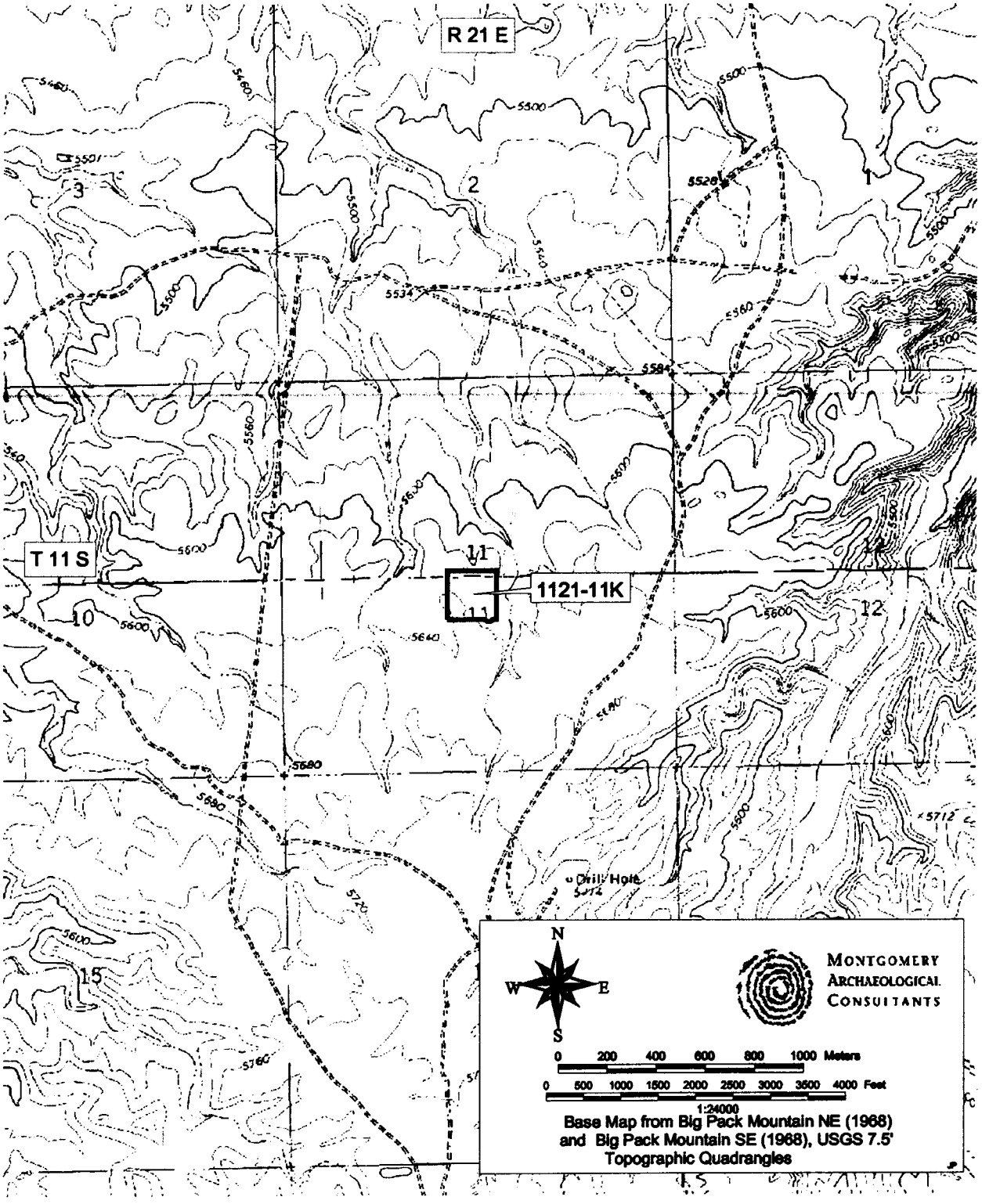


Figure 5. Inventory Area of Westport Oil and Gas Company's Well Location 1121-11K with Associated Access and Pipeline Corridors. USGS 7.5' Big Pack Mountain NE, and Big Pack Mountain SE, UT 1968. Scale 1:24000.

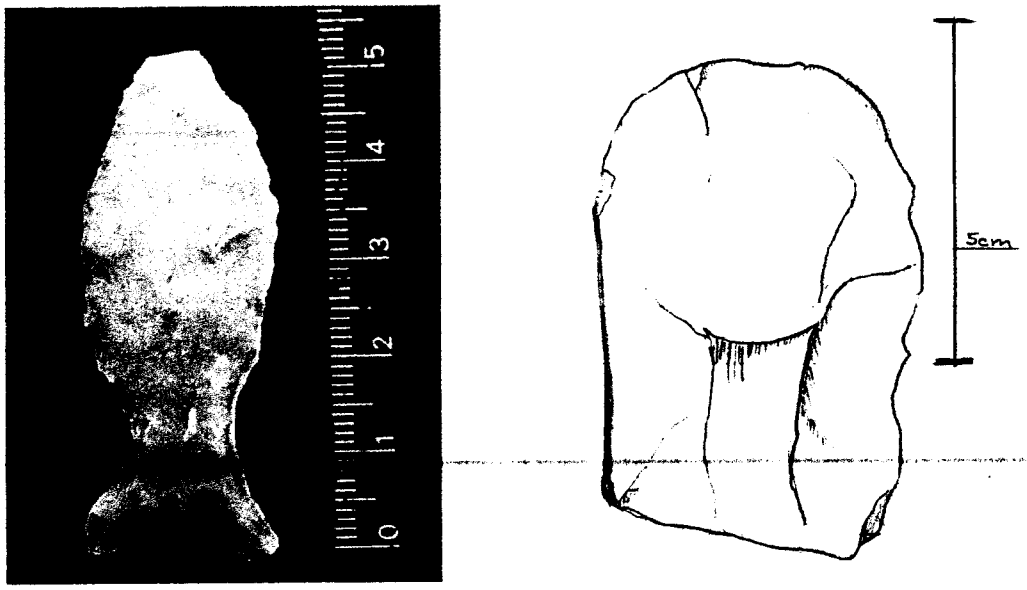


Figure 6: IF-A Projectile Point (left), and Sandstone Biface (right).

RESULTS AND RECOMMENDATIONS

Isolated Finds of Artifacts

The inventory resulted in a single isolated find. Isolated Find A (IF-A) is located in the NW/NW of T8S, R22E, Sec. 22; UTM 633688E / 4441320N, just to the east of well location 822-22D. The find consists of one projectile point and one biface. The point is manufactured of white-pink chert and measures 53 mm in length, 20 mm wide, and 5 mm thick (Figure 6). The projectile point is a stage V tool and appears to be reworked along the base and side notches and has a broken point tip. Additionally, there is evidence of edge damage on the point. Because of the nature of the reworking, the point is believed to be associated with the Early Archaic Period/Late Paleoindian Period, but is not wholly diagnostic. The biface is manufactured of sandstone, measures 73 mm in length, 45 mm wide, and 5 mm thick, and has approximately seven flake scars (Figure 6). According to UTM Coordinates, IF-A lies approximately 20 meters outside of the ten acre well pad 822-22D.

The inventory of Westport Oil and Gas Company's eight well locations, access roads, and pipeline corridors resulted in only the isolated find (IF-A), with no other archaeological sites found. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

REFERENCES CITED

Hauck, R.
2001 Prehistoric Occupations in the Red Wash Project Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Project No. U-01-AF-117.

Montgomery, K.R.
2001 Cultural Resource Inventory of El Paso Production's Natural Buttes 11 Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-01-MQ-738b. On File at the Utah Division of State History.

Scott, J.M.
1991a Cultural Resource Inventory for Coastal Oil and Gas Corporation's CIGE #135 Well Pad and Access Location, Uintah County, Utah. MAC, Inc. Project No. U-91-MM-055b.

1991b Addendum to: Cultural Resource Inventory for Coastal Oil and Gas Corporation's CIGE #135 Well Pad and Access Location, Uintah County, Utah. MAC, Inc. Project No. U-91-MM-055b (Part 2)

Stokes, W.L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

APPENDIX A

ISOLATED CULTURAL MATERIALS FORM

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS) SITE FORM

On File At:

Utah Division of State History
Salt Lake City, Utah

IMACS FORM

Form UT-8110-2

(June 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE

ISOLATED CULTURAL MATERIALS

Project No.: U-03-MQ-0559b Project Name: Westport Eight Well Location Isolate No.: IF-A
Field Office: Vernal
Township: 8 (S), Range: 22 (E), Section: 22 QQ NW Q NW
Map Name: Red Wash SW, Big Pack Mountain, and Archy Bench, USGS 7.5' 1968 Area of Dispersal (sq.m.): 1
ENVIRONMENTAL SETTING: The find is located on a grassland plain, comprised of aeolian soils. The vegetation surrounding the find consists primarily of rabbit brush and Indian rice.

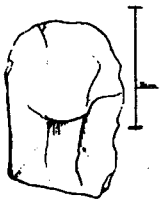
DESCRIPTION: (circle one of each) Locus/Isolate Feature/Artifact(s)

(List for each artifact or feature: artifact or feature type according to UTSITE categories, quantity, materials, dimensions and general description. For lithics include type of tool or flake and number of worked edges. For ceramics include type of ware and temper.)
The find consists of one projectile point and one biface. The point is manufactured of white-pink chert and measures 53 mm in length, 20 mm wide, and 5 mm thick. The projectile point is a stage V tool and appears to be reworked along the base and side notches and has a broken point tip. Additionally, there is evidence of edge damage on the point. Because of the nature of the reworking, the point is believed to be associated with the Early Archaic Period or Late Paleoindian Period but is not wholly diagnostic. The biface is manufactured of sandstone, measures 73 mm in length, 45 mm wide, and 5 mm thick, and has approximately seven flake scars.

SKETCH: (features, utilized flakes, tools, decorated and rim sherds, groundstone, etc.)

Figure 1: Projectile point.

Figure 2: Sandstone biface



COMMENTS: (relate to sites and/or area of survey)
UTM Coordinates N = 4441320
E = 633688
IF-A is located approximately 20 meters east of well location 822-22D

Number of Attachments: (continuation sheets, sketches of diagnostics)
Recorded By: Christopher M. Nicholson and Eli Jones Date 06 / 24 / 2003

001

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO:	6. SURFACE:
ML-13826	State

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME:

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☐

8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT

2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.

9. WELL NAME and NUMBER: NBU 1021-2O

3. ADDRESS OF OPERATOR: P.O. BOX 1148 CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7023

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 185' FSL, 1328' FEL 4425380 Y 39.97094 624934X -109.51365

AT PROPOSED PRODUCING ZONE:

RECEIVED
JUL 25 2003
DIV. OF OIL, GAS & MINING

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 2 10S 21E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 19.9 MILES NORTHEAST OF OURAY, UT

12. COUNTY: UINTAH

13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
185	640	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
REFER TO TOPO C	9,450	RLB0005236
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5191.6' GL		10 DAYS

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
12 1/4	9 5/8	H-40	32.3#	2,000	415 SX 65/35 POZ	LEAD
					215 SX PREM	TAIL
7 7/8	4 1/2	M-80	11.6#	9,450	260 SX PREM LT II	LEAD
					1490 SX 50/50 POZ	TAIL

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER

☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

☑ COMPLETE DRILLING PLAN

☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) CHERYL CAMERON TITLE SR. REGULATORY ANALYST

SIGNATURE Cheryl Cameron DATE 7/24/2003

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35110

APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining

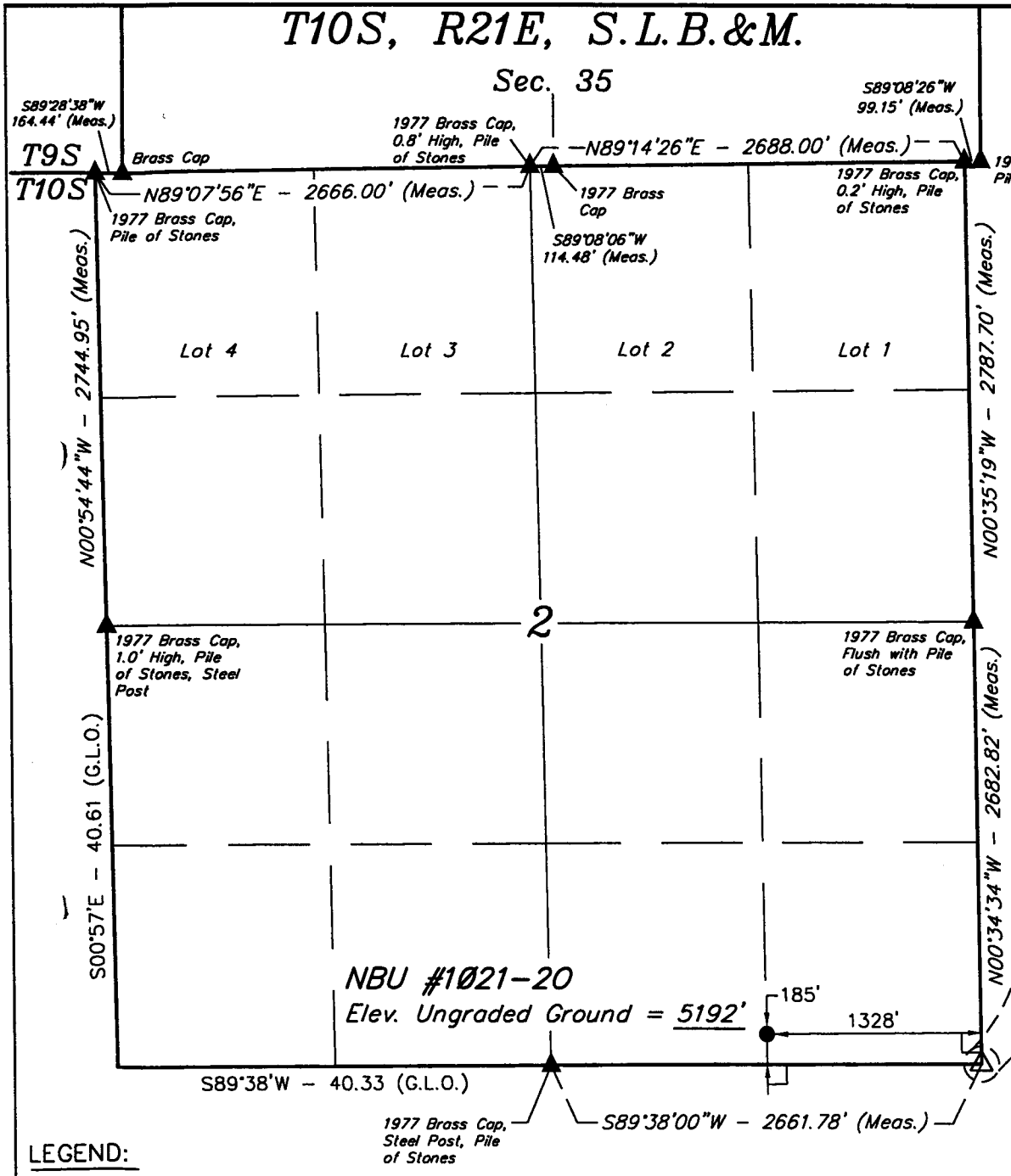
Date: 08-14-02

By: Brad Hill

(11/2001) (See Instructions on Reverse Side)

T10S, R21E, S.L.B.&M.

Sec. 35



WESTPORT OIL AND GAS COMPANY, L.P.

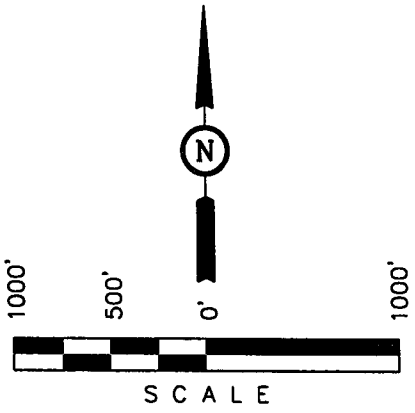
Well location, NBU #1021-20, located as shown in the SE 1/4 SE 1/4 of Section 2, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNER RE-ESTABLISHED BY REFERENCE MARKERS

(NAD 83)
LATITUDE = 39°58'14.86" (39.970794)
LONGITUDE = 109°30'51.69" (109.514358)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 06-06-03	DATE DRAWN: 06-09-03
PARTY: D.K. J.A. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: WESTPORT OIL AND GAS COMPANY, L.P.	

002

NBU 1021-2O
SESE Sec. 2, T10S, R21E
UINTAH COUNTY, UTAH
ML-13826

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Geologic Surface Formation:**

Formation	Depth
Uinta	0' – Surface
Green River	1430'
Wasatch	4630'
Mesaverde	7355'

2. **Estimated Tops/Depths of Important Geologic Markers/Anticipated Gas:**

Substance	Formation	Depth
	Green River	1430'
Gas	Wasatch	4630'
Gas	Mesaverde	7355'
	TD	9450'

3. **Pressure Control Equipment** (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 3,000 psi.

4. **Proposed Casing & Cementing Program:**

The Surface casing and the Production casing will be new.

Please refer to the attached Casing & Cementing Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Fluids Program

6. **Evaluation Program:** (Logging)

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated @ 9450' TD approximately equals 3,870 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 1,701 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

None anticipated.

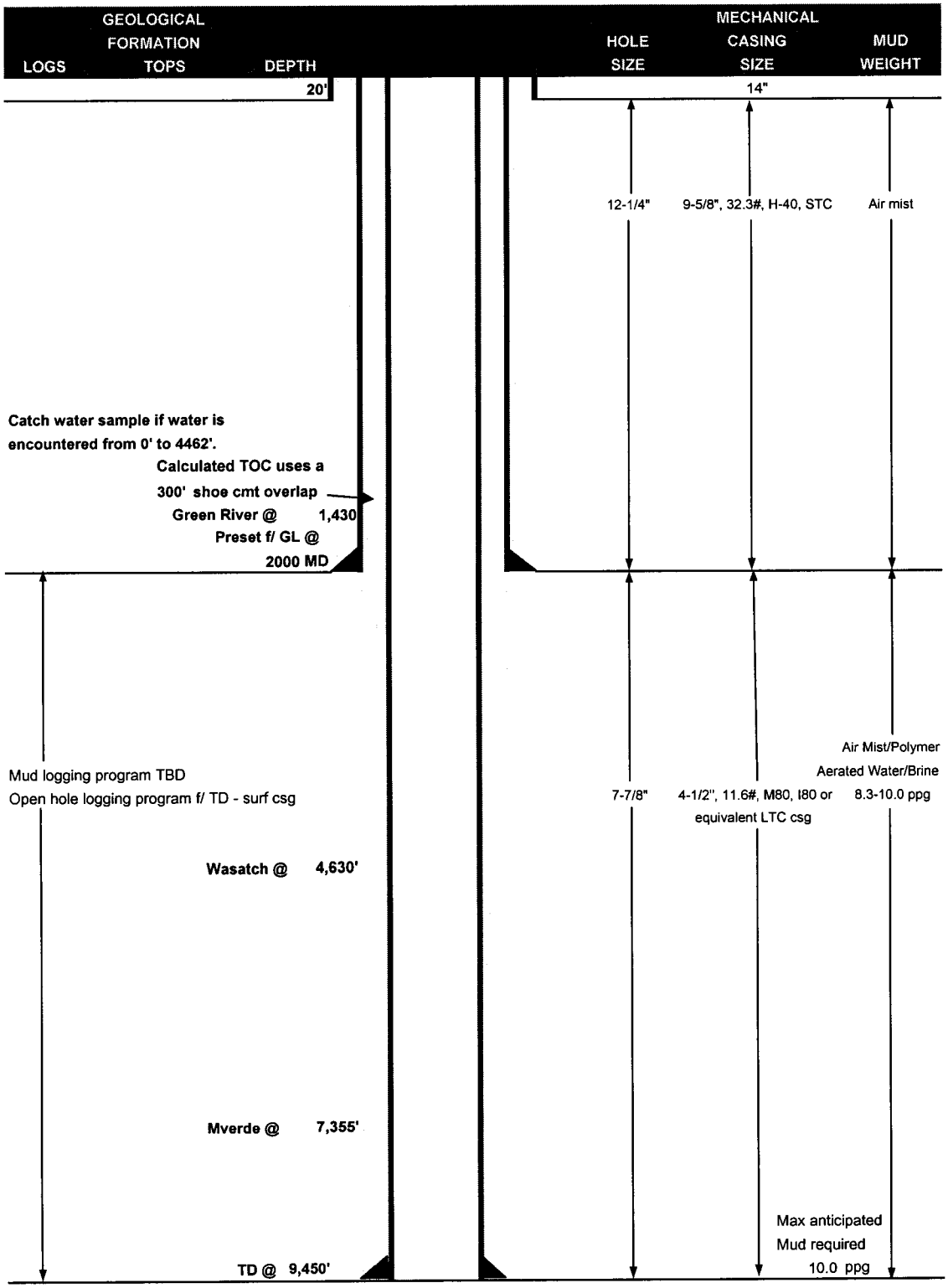
10. **Other:**

A Class III Archaeological Study Report prepared by MOAC is attached.

Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

COMPANY NAME	Westport Oil and Gas Co., L.P.		DATE	July 22, 2003	
WELL NAME	**NBU 1021-2O**		TD	9,450' MD/TVD	
FIELD	Natural Buttes	COUNTY Uintah STATE Utah	ELEVATION	5,192' GL	KB 5,207'
SURFACE LOCATION	185' FSL, 1328' FEL, SESE, SEC. 2, T10S, R21E			BHL	Straight Hole
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: UDOGM (surface and mineral owner), BLM, Tri-County Health Dept.				



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'						
						2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.80********	1.32	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9450	11.60	M-80	LTC	2.74	1.29	2.10

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (.22 psi/ft-partial evac gradient x TVD of next csg point)

3) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumption: Max Pore Press @ Int shoe, TD@shoe=9.0 ppg, 12.0 ppg EMW) .22 psi/ft = grad for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2835 psi

******** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	1500	65/35 Poz + 6% Gel + 10 pps gilsonite + 0.25 pps flocele + 3% salt	415	35%	12.60	1.81
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	215	35%	15.60	1.18
	TOP OUT CEMENT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	2,430'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	260	60%	11.00	3.38
	TAIL	5,320'	50/50 Poz/G + 10% salt + 2% gel	1490	60%	14.30	1.31

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER: _____ **DATE:** _____

Brad Laney

DRILLING SUPERINTENDENT: _____ **DATE:** _____

Randy Bayne

NBU 1021-2O
SESE SEC. 2, T10S, R21E
UINTAH COUNTY, UTAH
ML-13826

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

Improvements to existing access roads shall be determined at the on-site inspection.

2. **Planned Access Roads:**

The proposed access road is approximately 0.4 +/-. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely, ***unless modified during the on-site inspection.***

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

Existence of pipelines, maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The road surface and shoulders will be kept in a safe an usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth-tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2***) as determined during the on-site inspection.***

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the proposed pipeline .

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit

will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined that a liner is to be used during the on-site inspection, a plastic reinforced liner shall be used. It will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Contractors should take caution to direct blast in the pit around edges of ledge to avoid fracturing rock.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire.

Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

State of Utah
SITLA
675 East 500 South, Suite 500
Salt Lake City, Utah 84102
(801) 538-5151

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it 460 feet of any non-committed tract lying within the boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Cheryl Cameron
Sr. Regulatory Analyst
Westport Oil & Gas Co., L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7023

Randy Bayne
Drilling Manager
Westport Oil & Gas Co., L.P
PO. Box 1148
Vernal, UT 84078
(435) 781- 7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company, L.P. is considered to be the operator of the subject well. Westport Oil & Gas Company, L.P. agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by State Surety Bond No. RLB0005236.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Cheryl Cameron

Cheryl Cameron

7/24/03

Date

WESTPORT OIL & GAS COMPANY, L.P.
NBU #1021-2O
SECTION 2, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ALONG THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE EXISTING NBU #427 AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 200' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN NORTHEASTERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.9 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

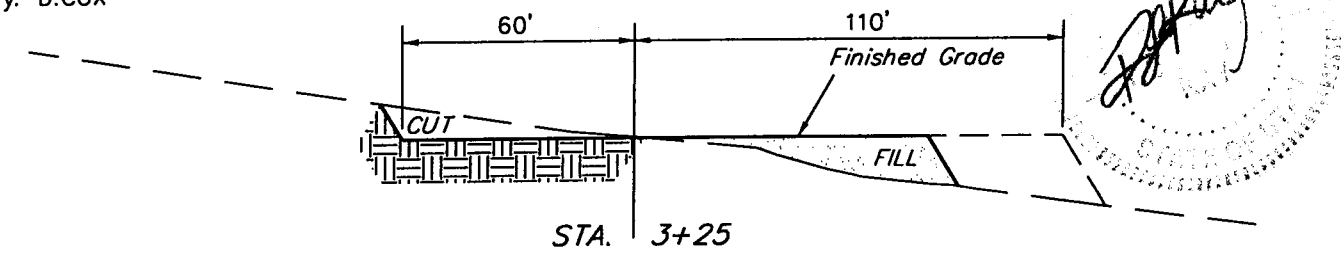
TYPICAL CROSS SECTIONS FOR

NBU #1021-20
SECTION 2, T10S, R21E, S.L.B.&M.
185' FSL 1328' FEL

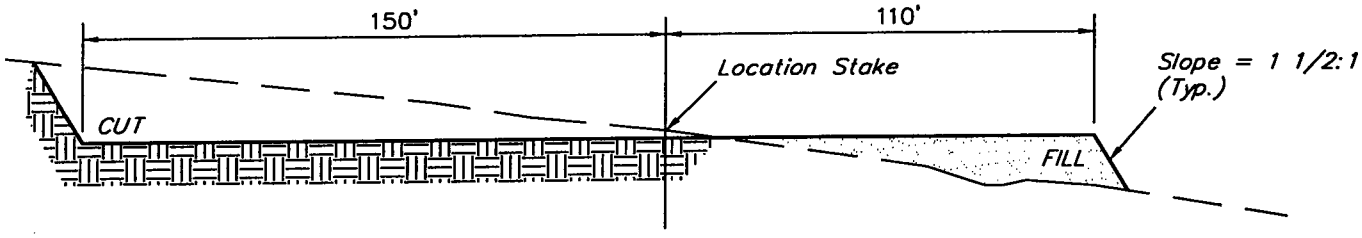
FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

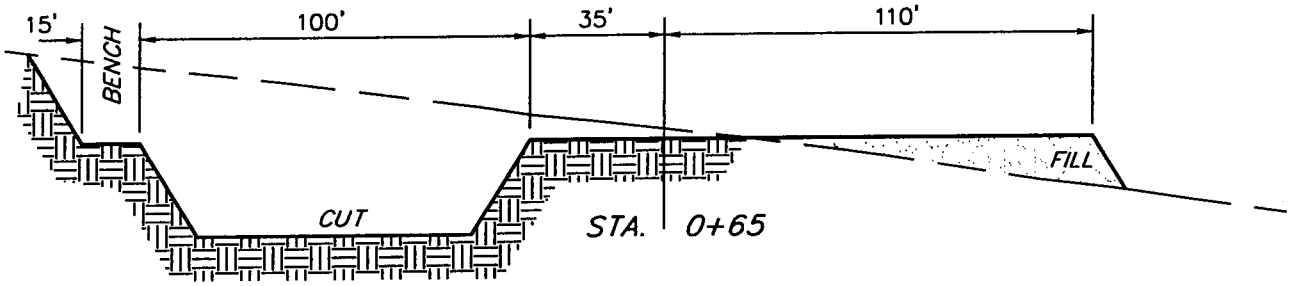
DATE: 06-09-03
Drawn By: D.COX



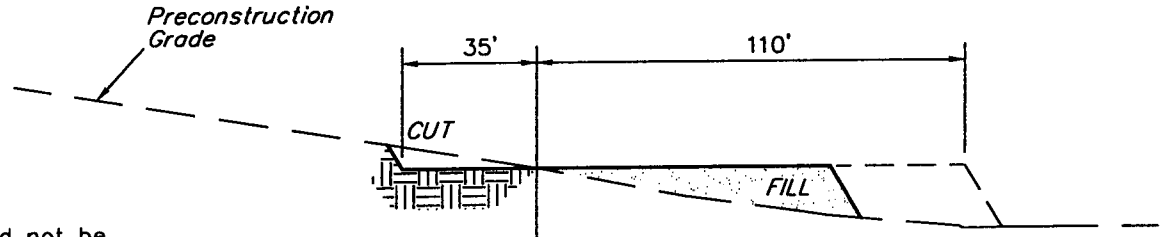
STA. 3+25



STA. 1+50



STA. 0+65



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,220 Cu. Yds.
Remaining Location = 6,250 Cu. Yds.

TOTAL CUT = 7,470 CU.YDS.
FILL = 4,660 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION = 2,560 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,560 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

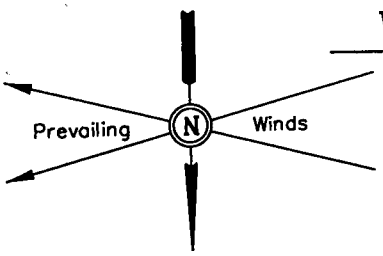
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR

NBU #1021-20
SECTION 2, T10S, R21E, S.L.B.&M.
185' FSL 1328' FEL



SCALE: 1" = 50'
DATE: 06-09-03
Drawn By: D.COX

F-6.9'
El. 84.7'
8
Sta. 3+25
Approx. Toe of Fill Slope
Round Corners as Needed
60'
6
C-3.3'
El. 94.9'
7
C-0.1'
El. 91.7'
Approx. Top of Cut Slope
T.S.
175'
Existing 2-Track
PIPE TUBS
CATWALK
PIPE RACKS
C-0.8'
El. 92.4'
F-5.3'
El. 86.3'
1
Sta. 1+50
NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.
Pit Topsoil
FLARE PIT
C-3.9'
El. 95.5'
C-2.3'
El. 93.9'
Blooie Line
5
D
25'
35'
RIG
110'
El. 98.9'
C
C-17.3'
(btm. pit)
100'
MUD TANKS
DOG HOUSE
TOILET
Existing Drainage
TRAILER
RESERVE PITS
(10' Deep)
Pit Capacity With 2' of Freeboard is ±9,650 Bbls.
Sta. 0+65
15' WIDE BENCH
100'
LIGHT PLANT
BOILER
COMPRESSOR
BOOSTER
WATER TANK
PUMP HOUSE
MUD TANKS
Topsoil Stockpile
El. 99.9'
C-18.3'
(btm. pit)
B
A
TRASH
150'
F-0.1'
El. 91.5'
El. 94.4'
C-2.8'
PROPANE STORAGE
Reserve Pit Backfill & Spoils Stockpile
50'
35'
3
Sta. 0+00
Existing Drainage
2
F-6.5'
El. 85.1'
4
C-2.2'
El. 93.8'
18" CMP Required
Proposed Access Road

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5192.4'
FINISHED GRADE ELEV. AT LOC. STAKE = 5191.6'

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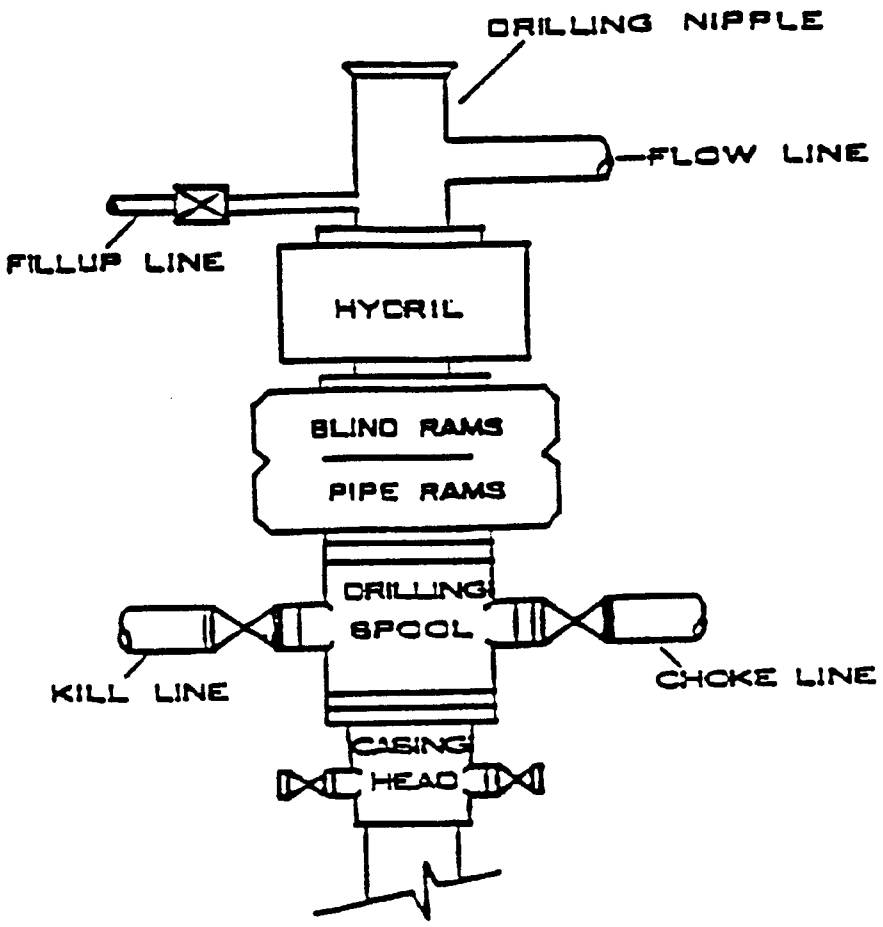
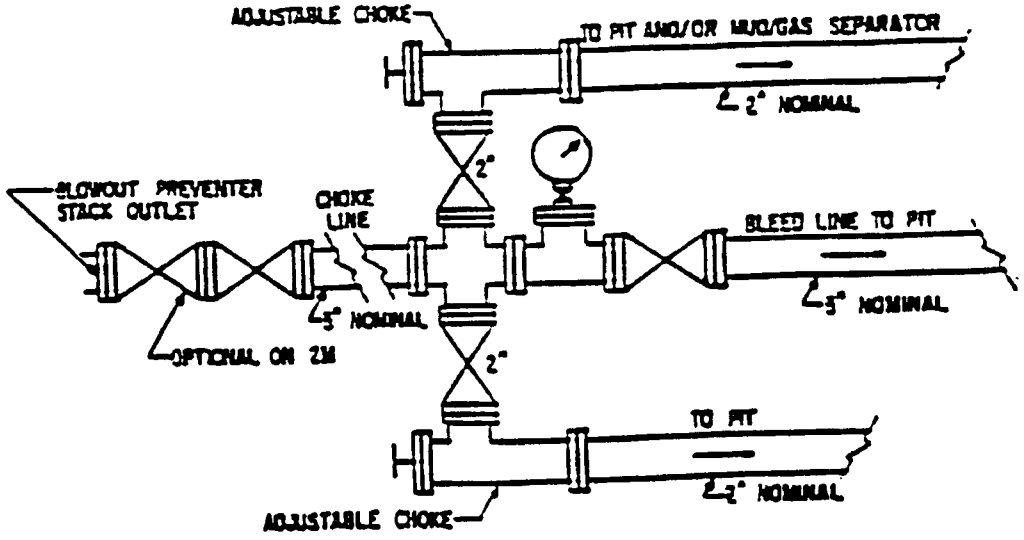
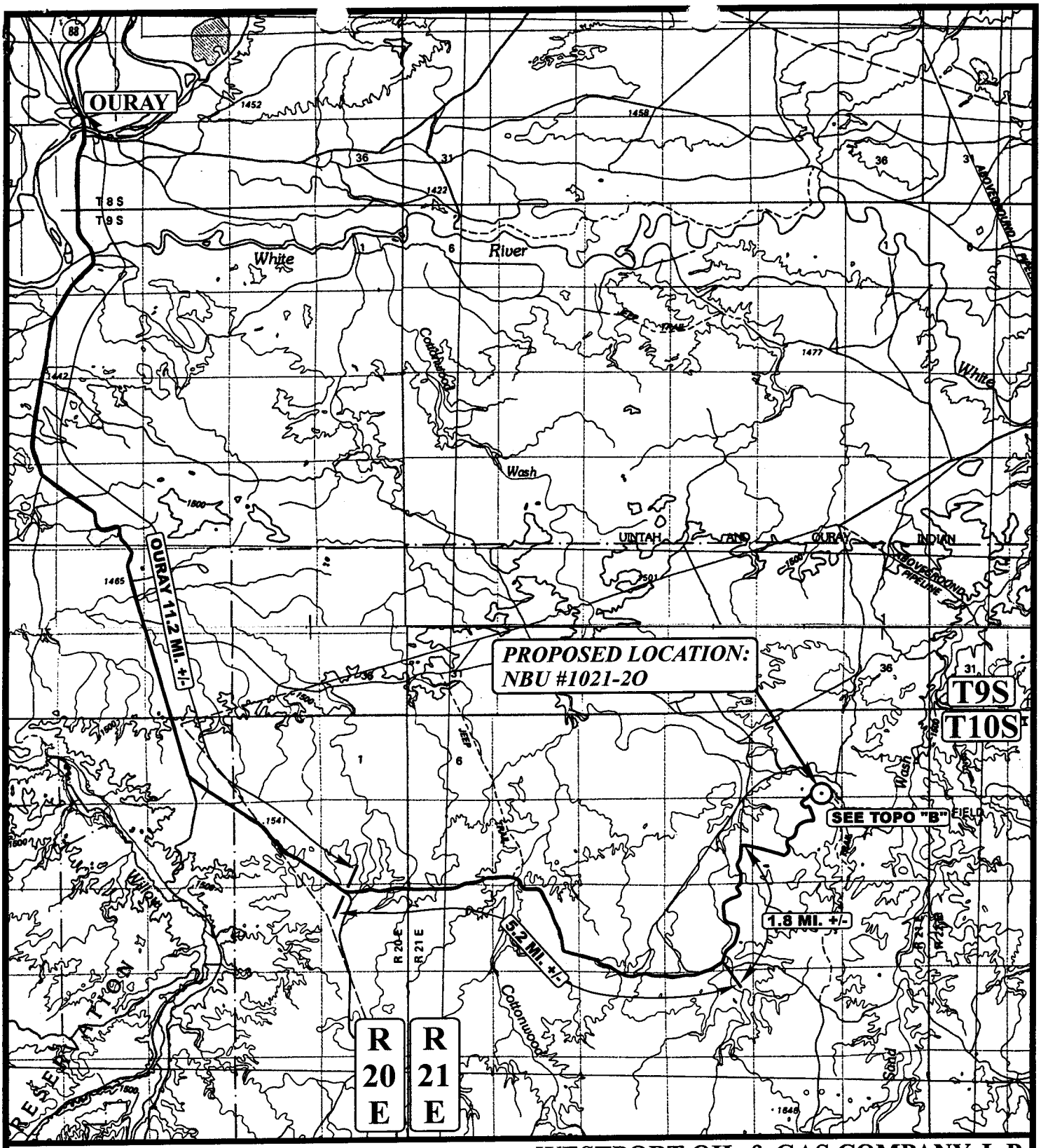
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

3,000 PSI

BOP STACK







LEGEND:

⊙ PROPOSED LOCATION

N

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-2O
SECTION 2, T10S, R21E, S.L.B.&M.
185' FSL 1328' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	6 MONTH	11 DAY	03 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: K.G.	REVISED: 00-00-00		

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-2O

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T10S, R21E, S.L.B.&M.

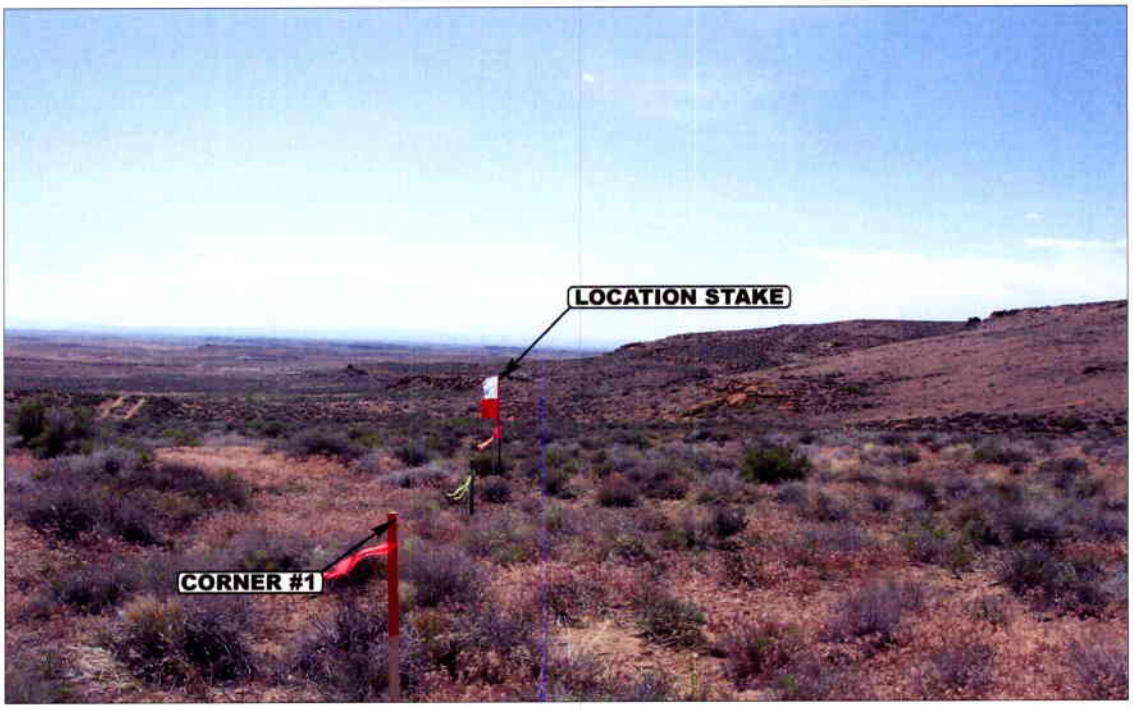
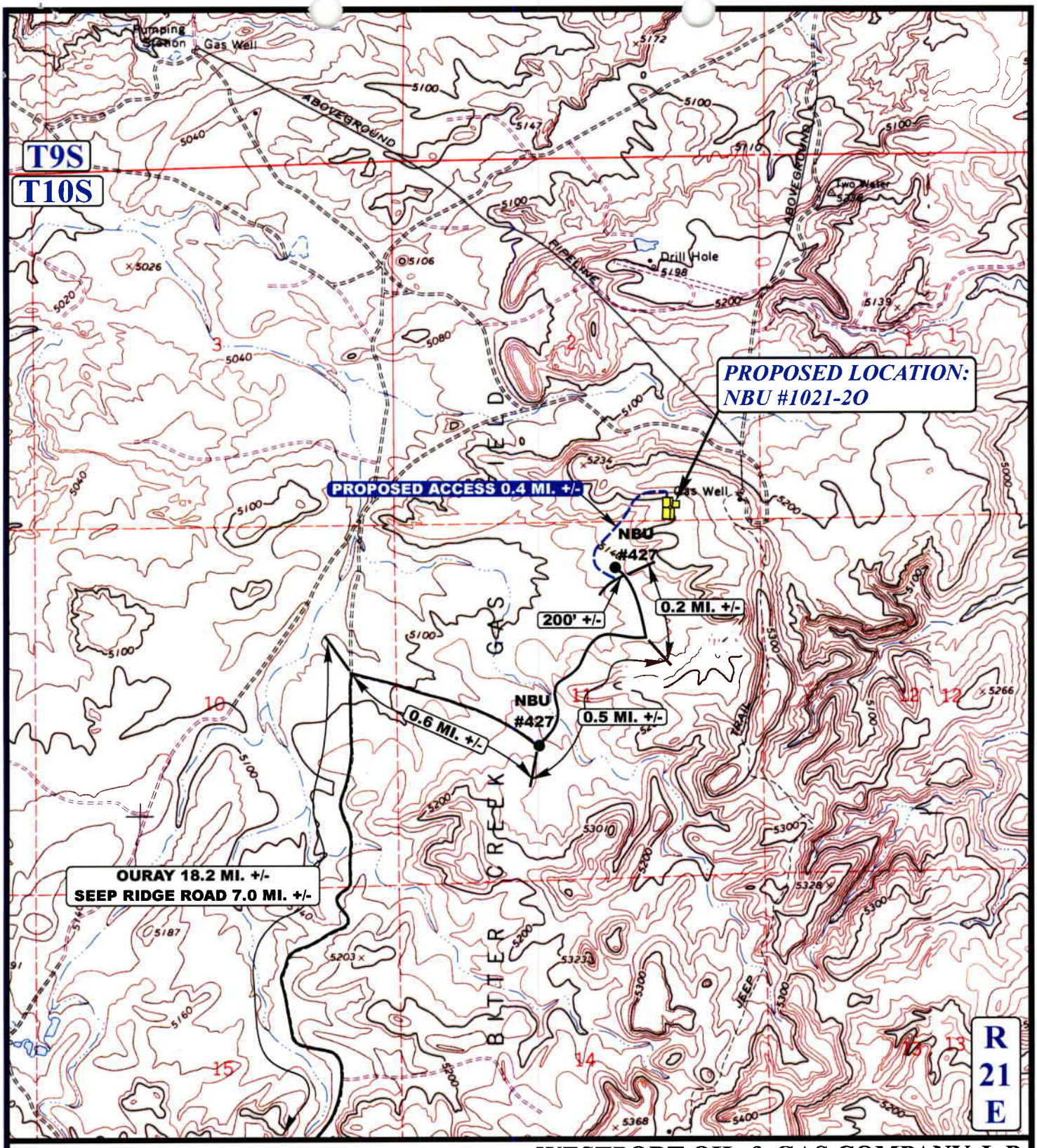


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE **CAMERA ANGLE: WESTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHWESTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	6 MONTH	11 DAY	03 YEAR	PHOTO
TAKEN BY: D.K.	DRAWN BY: K.G.	REVISED: 00-00-00		



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

N

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-2O

SECTION 2, T10S, R21E, S.L.B.&M.

185' FSL 1328' FEL

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85 South 200 East Vernal, Utah 84078

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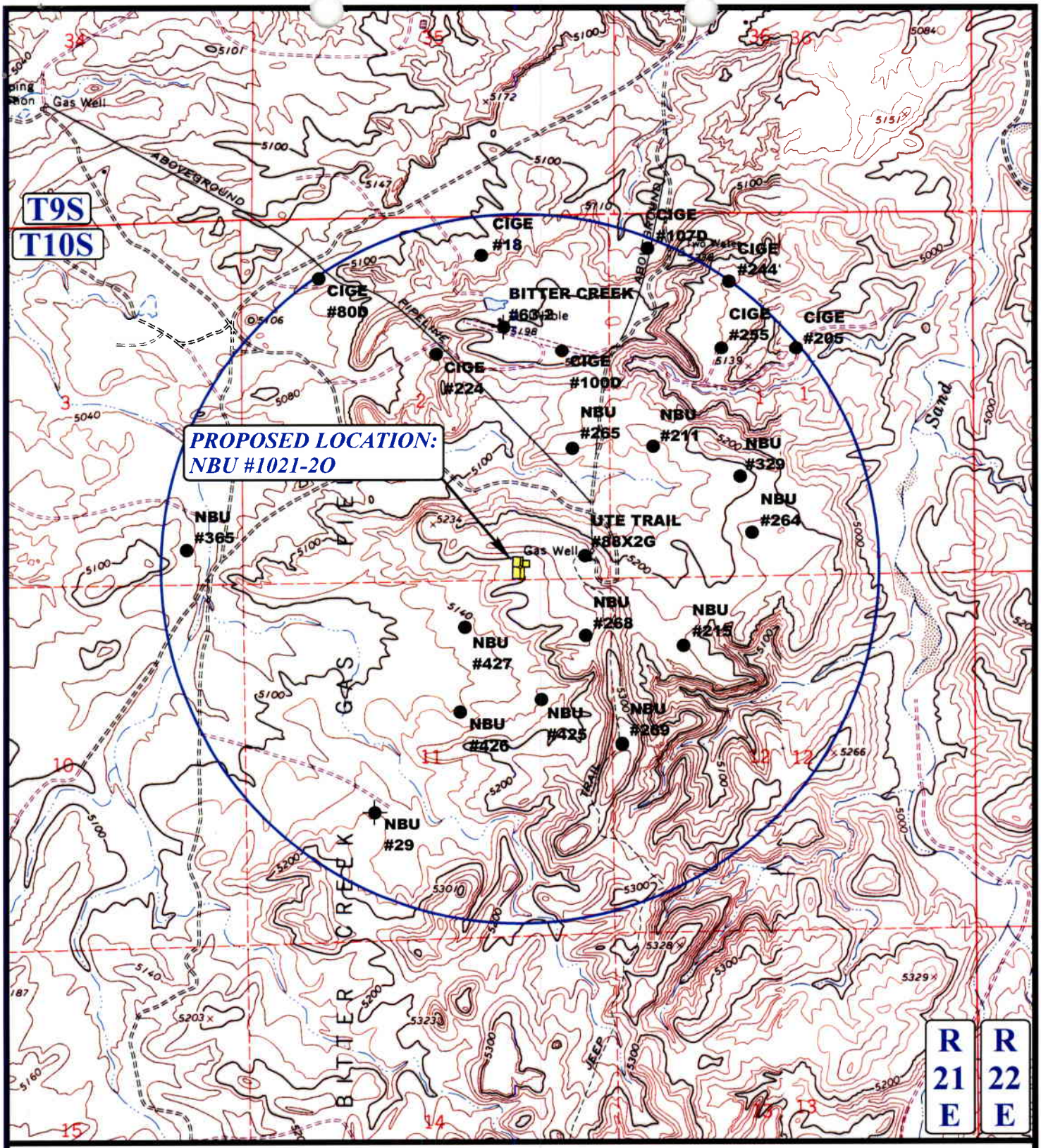
TOPOGRAPHIC MAP	6 MONTH	11 DAY	03 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: K.G.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-2O
SECTION 2, T10S, R21E, S.L.B.&M.
185' FSL 1328' FEL

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85 South 200 East Vernal, Utah 84078
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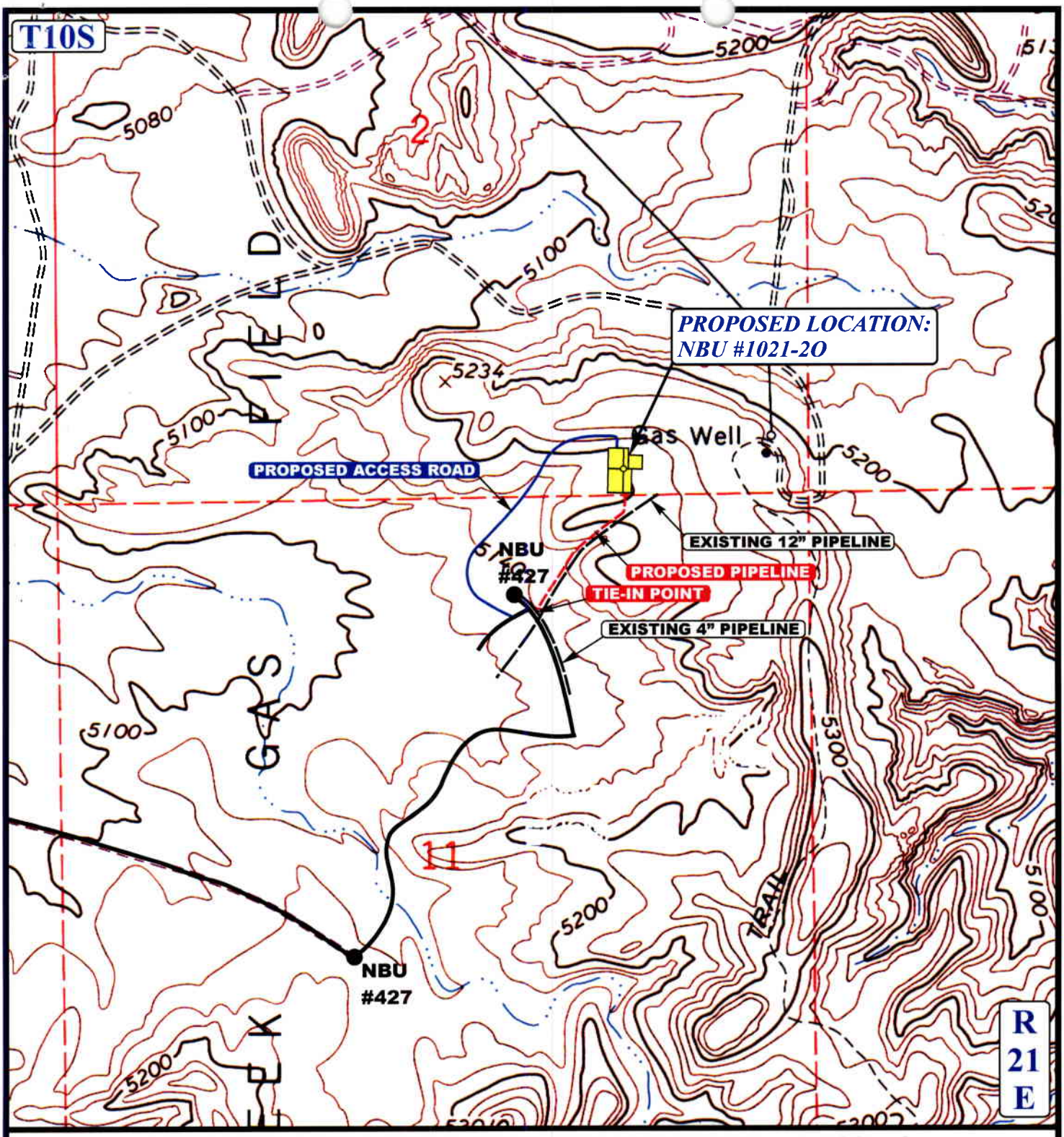
TOPOGRAPHIC MAP	6 MONTH	11 DAY	03 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: K.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,190' +/-

LEGEND:

EXISTING PIPELINE

PROPOSED PIPELINE

PROPOSED ACCESS

N

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-2O

SECTION 2, T10S, R21E, S.L.B.&M.

185' FSL 1328' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	6 MONTH	11 DAY	03 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: K.G.	REVISED: 00-00-00		

WORKSHEET

003 **APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/25/2003

API NO. ASSIGNED: 43-047-35110

WELL NAME: NBU 1021-20

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

SESE 02 100S 210E

SURFACE: 0185 FSL 1328 FEL

BOTTOM: 0185 FSL 1328 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-13826

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	8/14/03
Geology		
Surface		

LATITUDE: 39.97094

LONGITUDE: 109.51365

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. RLB0005236)

N Potash (Y/N)

Y **Oil Shale 190-5 (B)** or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit NATURAL BUTTES

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

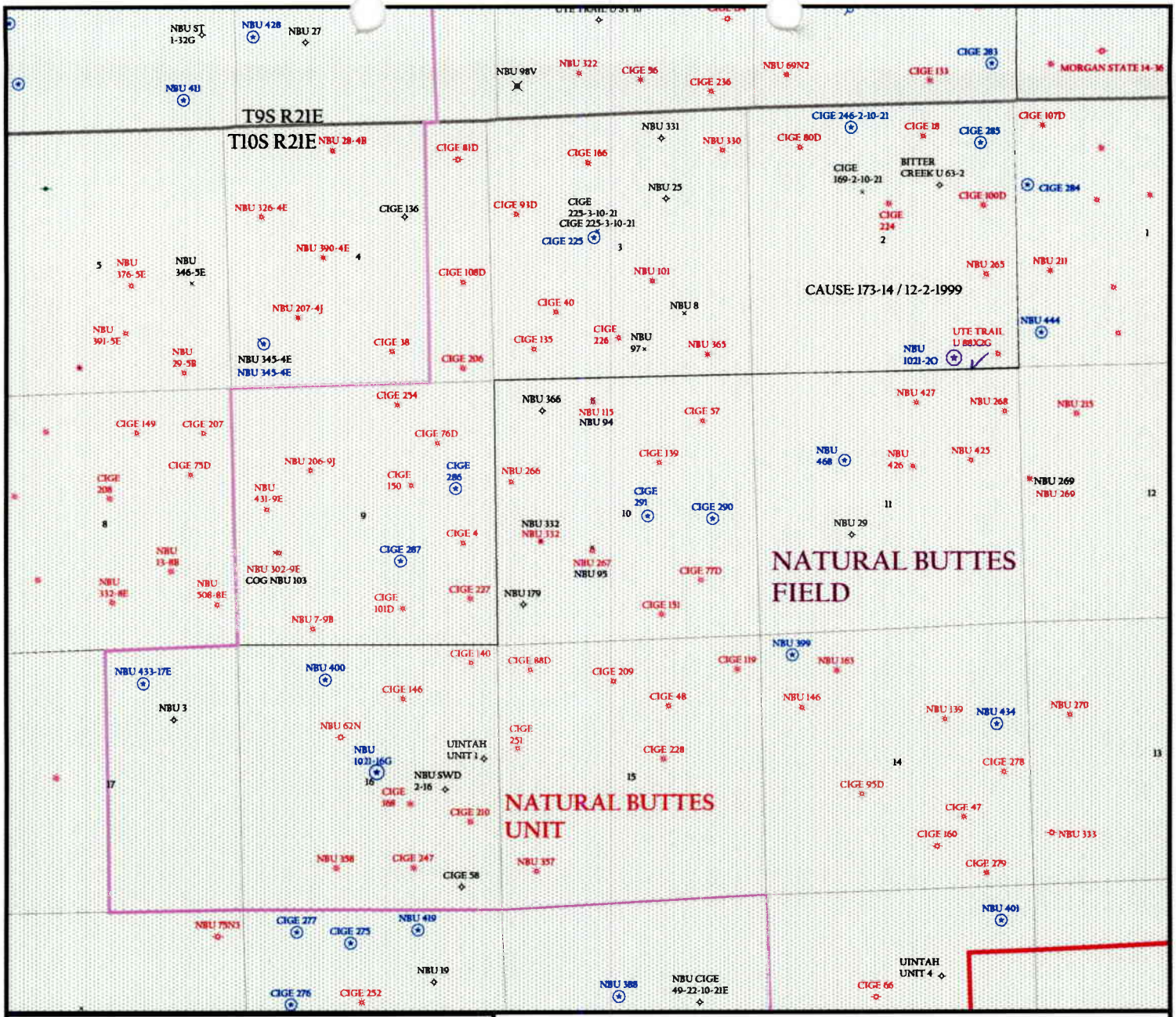
___ R649-3-3. Exception

✓ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' Fr u boundary & Uncomm. Tract

___ R649-3-11. Directional Drill

COMMENTS: Needs Presite (08-07-03)

STIPULATIONS: (1) Oil Shale
(2) Surface Casing Cmt Stip
(3) STATEMENT OF BASIS



OPERATOR: WESTPORT O&G CO (N2115)

SEC. 2 T.10S, R.21E

FIELD: NATURAL BUTTES (630)

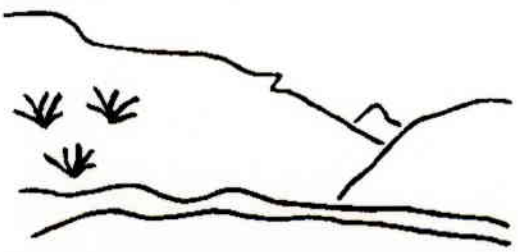
COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining

PREPARED BY: DIANA MASON
DATE: 28-JULY-2003

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 4, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development Natural Buttes Unit, Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Mesaverde)		
43-047-35104	NBU 922-18L	Sec. 18 T09S R22E 1673 FSL 0299 FWL
43-047-35105	NBU 922-18P	Sec. 18 T09S R22E 0423 FSL 0213 FEL
43-047-35107	NBU 922-36I	Sec. 36 T09S R22E 2115 FSL 0746 FEL
43-047-35108	NBU 921-22L	Sec. 22 T09S R21E 1658 FSL 0613 FWL
43-047-35109	NBU 1022-2I	Sec. 2 T10S R22E 1668 FSL 0841 FEL
43-047-35110	NBU 1021-2O	Sec. 2 T10S R21E 0185 FSL 1328 FEL
43-047-35111	NBU 1021-16G	Sec. 16 T10S R21E 2565 FNL 2470 FEL
43-047-35106	NBU 921-13M	Sec. 13 T09S R21E 0484 FSL 1092 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-4-3

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: WESTORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: NBU 1021-20
API NUMBER: 43-047-35110
LEASE: ML-13826 **FIELD/UNIT**: NATURAL BUTTES
LOCATION: **1/4,1/4** SE/SE **Sec**: 2 **TWP**: 10S **RNG**: 21E 1328' FEL 185' FSL
LEGAL WELL SITING: 460 from unit boundary and uncommitted tracts.
GPS COORD (UTM): **4418044N 12 631589E** **SURFACE OWNER**: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CARROLL ESTES, CARROLL WILSON, CLAY EINERSON, DEBRA DOMENICI (WESTPORT), ROBERT KAY (UELS), ED BONNER (SITLA).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN A SHALLOW BOWL WITH RIDGES 600' TO THE NORTH, 800' TO THE EAST, AND 200' TO THE SOUTH. DRAINAGE AT THE SITE IS TO THE WEST, BUT OVERALL DRAINAGE FOR THE AREA IS TO THE NORTH TOWARD THE WHITE RIVER 6.1 MILES AWAY. OURAY, UTAH IS 19.9 MILES TO THE NORTHWEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 245'. ACCESS ROAD WILL BE 0.4 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL RUN TO THE SOUTHWEST TO THE NBU 427.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SAGE, SPINY HOPSAGE, YUCCA, PRICKLEY PEAR, GREASEWOOD, PRICKLY PEAR: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A PLASTIC LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: **AS PER SITLA.**

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A HOT, CLOUDY, WINDY DAY.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD	8/07/03, 11:30 AM
DOGM REPRESENTATIVE	DATE/TIME

Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	10
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	0
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0

Final Score 15 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.


AUG 7 2003


AUG 7 2003


AUG 7 2003


AUG 7 2003

From: Ed Bonner
To: Mason, Diana
Date: 8/8/03 11:15AM
Subject: Well Clearence

The following wells have been given cultural resource clearence by the Trust Lands Cultural Resources Group:

Fortuna (US), Inc
Flat Canyon State 36-3

Klabzuba
Gordon Creek State 3-5-14-8

Bill Barrett Corporation
Prickly Pear Unit State #13-16

Westport Oil & Gas
NBU 1021-2O

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: NBU 1021-2O
API NUMBER: 43-047-35110
LOCATION: 1/4,1/4 SE/SE Sec: 2 TWP: 10S RNG: 21E 1328' FEL 185' FSL

Geology/Ground Water:

Westport proposes to set 2,000' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,800'. A search of Division of Water Rights records shows 4 water wells within a 10,000 foot radius of the center of section 2 . These wells produce from depths ranging from 1525-2640'. Water uses are listed as mining and other. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 08/12/03

Surface:

The predrill investigation of the surface was performed on 8/07/03. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 7/23/03. Both were present. Neither had any concerns regarding the construction of this location or the drilling of the well. This site is on State surface, with State minerals. An 18 inch culvert will be placed where proposed access road enters location. Existing drainages will be re-routed through this culvert.

Reviewer: David W. Hackford **Date:** 8/08/03

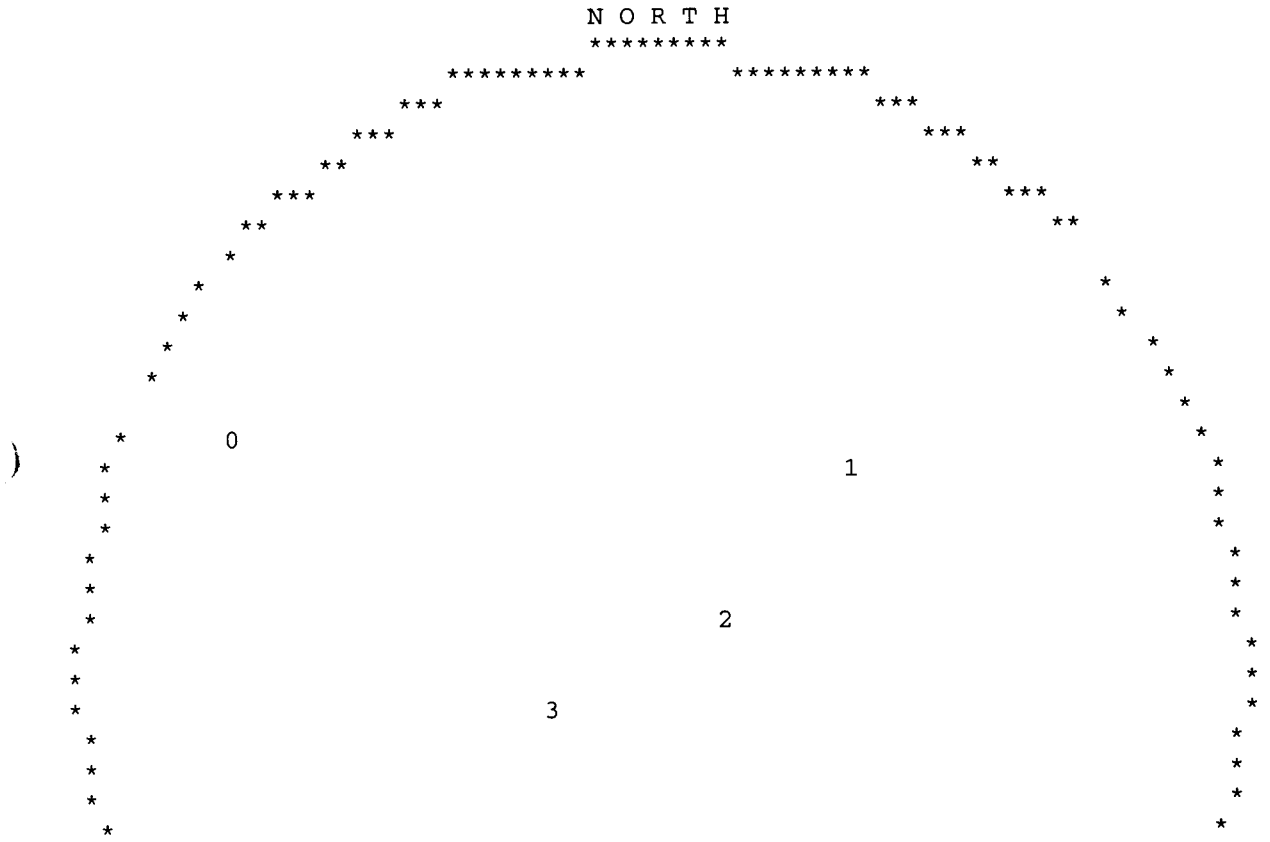
Conditions of Approval/Application for Permit to Drill:

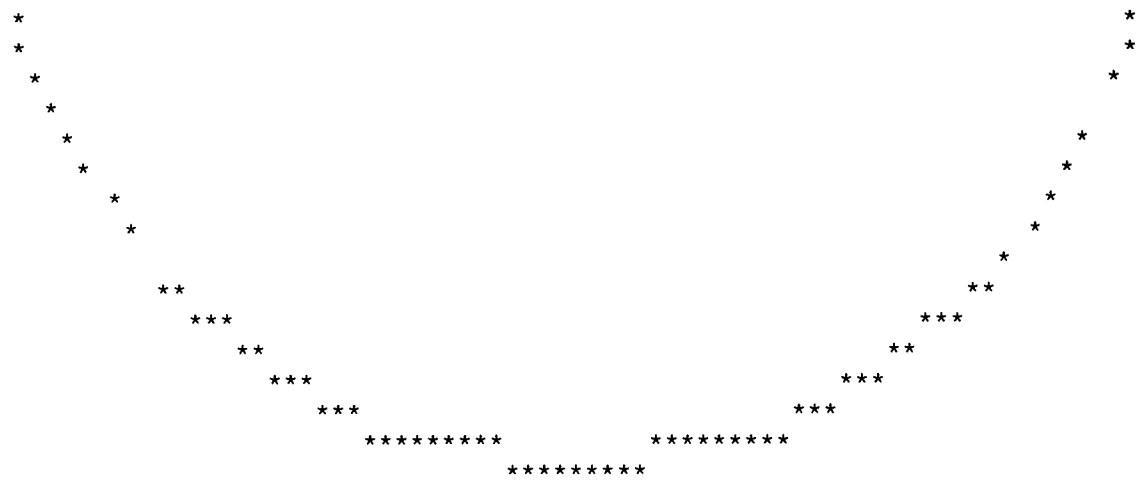
None.

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, AUG 12, 2003, 10:15 AM
PLOT SHOWS LOCATION OF 4 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE CT CORNER,
SECTION 2 TOWNSHIP 10S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET





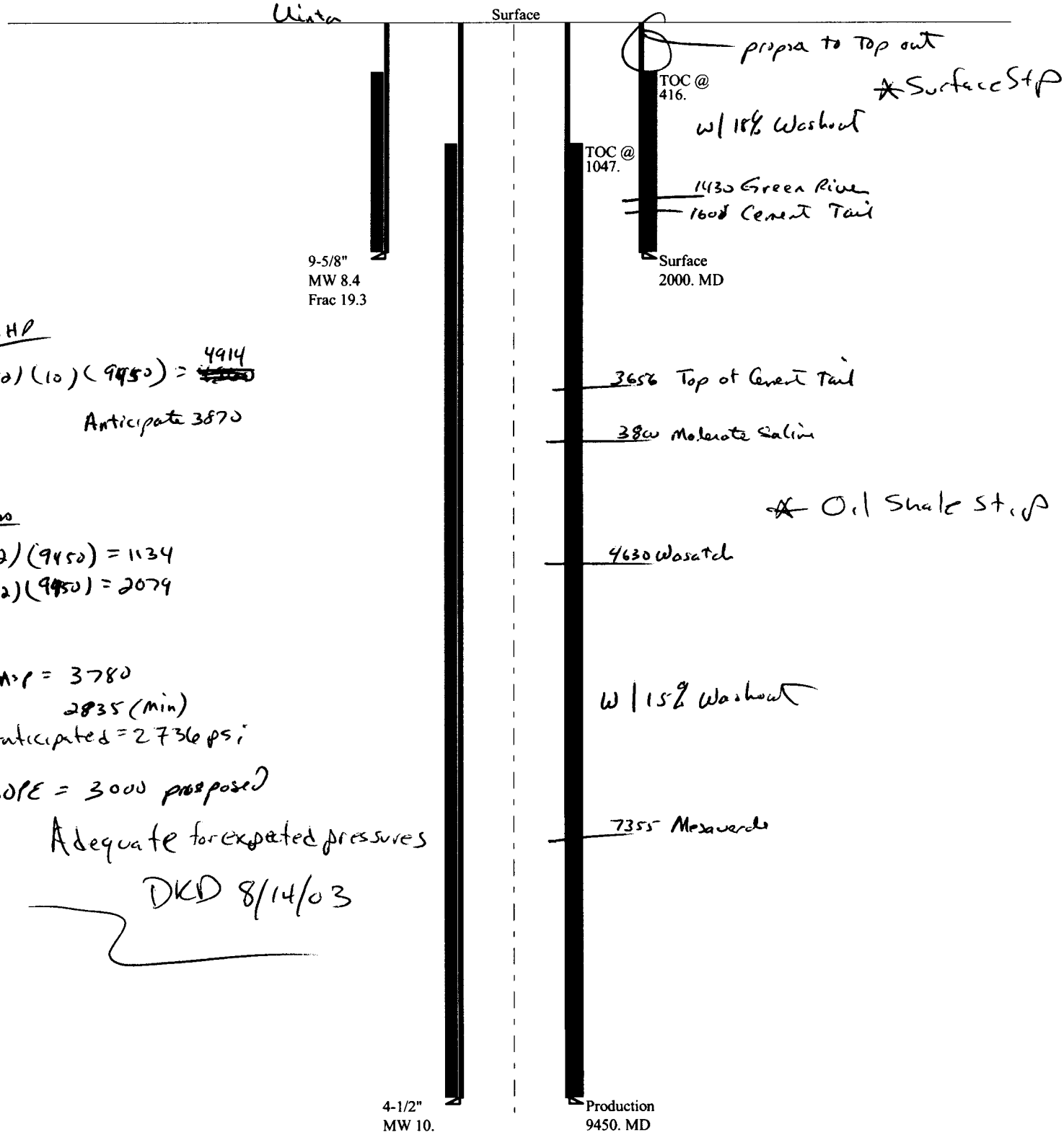
UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&
0	49 355	1.0000	.00	7	1667		N 951	E 689	SW	34	9S	21E	S
	WATER USE(S): MINING OTHER									PRIORITY DATE: 07/10/1			
	Tosco Corporation				10100 Santa Monica Blvd.					Los Angeles			
1	49 354	.6000	.00	7	1604		N 643	E 592	SW	36	9S	21E	S
	WATER USE(S): MINING OTHER									PRIORITY DATE: 07/10/1			
	Tosco Corporation				10100 Santa Monica Blvd.					Los Angeles			
2	49 3	.0256	.00	5	2640		S 1650	W 1564	NE	2	10S	21E	S
	WATER USE(S): OTHER									PRIORITY DATE: 06/17/1			
	DeKalb Agricultural Association Incorpor Box 523									Vernal			

3 49 356 1.2500 .00 7 1525 - 1570 S 3200 E 850 NW 2 10S 21E S
WATER USE(S): MINING OTHER PRIORITY DATE: 07/10/1
Tosco Corporation 10100 Santa Monica Blvd. Los Angeles

08-03 Westport NBU 102-20

Casing Schematic



Well name:	**08-03 Westport NBU 1021-20**
Operator:	**Westport O&G Company**
String type:	Surface
Project ID:	43-047-35110
Location:	Uintah

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 687 psi
Internal gradient: 0.447 psi/ft
Calculated BHP 1,581 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 1,753 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 416 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 9,450 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,909 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	9.625	32.30	H-40	ST&C	2000	2000	8.876	126.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	1581	2270	1.44	65	254	3.93 J

Free grad. dependent

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Date: August 13,2003
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**08-03 Westport NBU 1021-20**
Operator:	**Westport O&G Company**
String type:	Production
Location:	Uintah
Project ID:	43-047-35110

Design parameters:

Collapse
Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 687 psi
Internal gradient: 0.447 psi/ft
Calculated BHP 4,909 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 8,037 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 197 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 1,047 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9450	4.5	11.60	M-80	LT&C	9450	9450	3.875	219.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4909	6350	1.294	4909	7780	1.58	110	267	2.44 B

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Date: August 13,2003
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 9450 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

004

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

August 18, 2003

Westport Oil & Gas Company
P O Box 1148
Vernal, UT 84078

Re: Natural Buttes Unit 1021-2O Well, 185' FSL, 1328' FEL, SE SE, Sec. 2, T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35110.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Utah!
Where ideas connect

Operator: Westport Oil & Gas Company
Well Name & Number Natural Buttes Unit 1021-2O
API Number: 43-047-35110
Lease: ML-13826

Location: SE SE **Sec.** 2 **T.** 10 South **R.** 21 East

Conditions of Approval

1. **General**
Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

7. Surface casing shall be cemented to the surface.

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

005

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891008900A

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Multiple Wells - see attached

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

9. API Well No.
Multiple Wells - see attached

3a. Address
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-

10. Field and Pool, or Exploratory Area
Natural Buttes Unit

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Multiple Wells - see attached

43047351 10

10S 21E 2

11. County or Parish, State
Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of oringinal volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*
J.T. Conley

Title
Operations Manager

Signature
J.T. Conley

Date
9-2-2003

COPY SENT TO OPERATOR
Date: 9-16-03
Initials: CHD

SEP 10 2003
DIV OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Federal Approval Of This Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Accepted by the Utah Division of Oil, Gas and Mining

Date: 9/16/03

By: [signature]

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Westport Oil & Gas, L.P.

Project Economics Worksh··t

Instructions: Fill in blue ··d areas with before and after project data. The evaluation resul.. are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for $/BF and $/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ??? N (Y or N)

	BEFORE $/Year	AFTER $/Year	DIFFERENCE $/Year
Gross Oil Revenue	$1,088	$1,099	$11
Gross Gas Revenue	$0	$0	$0
NGL Revenue	$0	$0	$0
PULLING UNIT SERVICE			$0
WIRELINE SERVICE			$0
SUBSURF EQUIP REPAIRS			$0
COMPANY LABOR			$0
CONTRACT LABOR	$0	$200	$200
CONTR SERVICE			$0
LEASE FUEL GAS	$0	$0	$0
UTILITIES - ELECTRICITY	$0	$0	$0
CHEMICAL TREATING			$0
MATERIAL & SUPPLY	$0	$150	$150
WATER & HAULING			$0
ADMINISTRATIVE COSTS			$0
GAS PLANT PROCESSING			$0
Totals	$0	$350	$350 Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, $
Capital $	820/830/840	$1,200
Expense $	830/860	$0
Total $		$1,200

Oil Price	$ 23.00	$/BO
Gas Price	$ 3.10	$/MCF
Electric Cost	$ -	$ / HP / day
OPX/BF	$ 2.00	$/BF
OPX/MCF	$ 0.62	$/MCF

Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

Project Life:

Life = 20.0 Years

(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = ($2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment

See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

Gross Reserves:

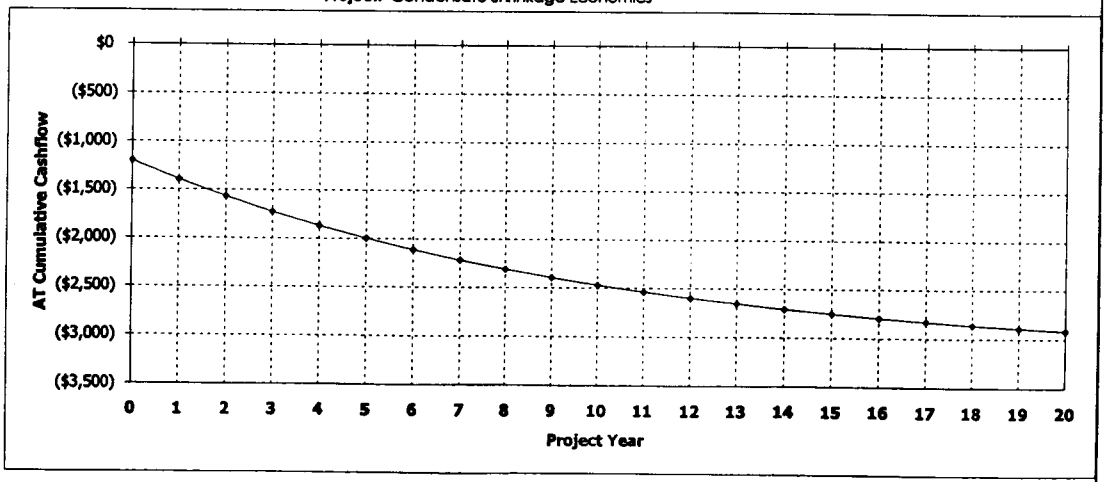
Oil Reserves = 6 BO

Gas Reserves = 0 MCF

Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor	Separator Volume Percent
psig	°F	(A)		(B)	(C)
Calculated at Laboratory Flash Conditions					
80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%
Calculated Flash with Backpressure using Tuned EOS					
80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 058N2	27-10-22 NENW	UTU473	891008900A	4304730838005S1
NBU 060	26-9-21 NWSW	U01194	891008900A	4304731728005S1 ✓
NBU 062N3	16-10-21 SENW	ML10755	891008900A	4304730909005S1
NBU 063N3	12-9-21 SWNW	UTU0141317	891008900A	4304731097005S1
NBU 064N3	8-9-21 NESE	UTU0575B	891008900A	4304731098005S1
NBU 065N3	14-9-21 SESW	UTU01193	891008900A	4304731099005S1
NBU 067A	4-10-22 SWNE	UTU01191	891008900A	4304731737005S1
NBU 068N2	26-9-21 NESE	ML22934	891008900A	4304731089005S1 ✓
NBU 069N2	35-9-21 SWSW	U01194	891008900A	4304731090005S1 ✓
NBU 070N3	3-10-22 SWNW	UTU01191	891008900A	4304731100005S1
NBU 072N3	12-10-20 NWNW	UTU4478	891008900A	4304731088005S1
NBU 074N3	24-10-20 SWNE	ML22790	891008900A	4304731087005S1
NBU 075N3	20-10-21 NENE	UTU02278	891008900A	4304731103005S1
NBU 078	30-9-22 NWNW	U463	891008900A	4304731762005S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	4304731240005S1
NBU 081V	35-9-21 SWNW	U01194	891008900A	4304731232005S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	4304731235005S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	4304731245005S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	4304731246005S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	4304731251005S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	4304731250005S1
NBU 088V	26-9-21 NENE	U01194	891008900A	4304731233005S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	4304731753005S1
NBU 097	25-9-21 NENW	U01189	891008900A	4304731744005S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	4304731327005S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	4304731745005S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	4304731755005S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	4304731757005S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	4304735111005S1 ✓
NBU 1021-2O	2-10-21 SWSE	ML13826	891008900A	4304735110005S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	4304731956005S1
NBU 104	16-9-21 SENE	ML3282	891008900A	4304731957005S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	4304732302005S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	4304731946005S1
NBU 107	26-9-21 SENW	U01194	891008900A	4304731916005S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	4304731958005S1
NBU 109	27-9-21 SENE	U01194A	891008900A	4304731917005S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	4304731924005S1
NBU 111	25-9-21 SWNW	U01194	891008900A	4304731920005S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	4304731930005S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	4304731931005S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	4304731923005S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	4304731929005S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	4304731925005S1
NBU 117	10-10-22 NENE	U01197A	891008900A	4304731914005S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	4304731969005S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	4304731973005S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	4304731972005S1
NBU 121	13-9-21 NWNE	U01193	891008900A	4304732086005S1
NBU 122	13-9-21 SESE	U01193	891008900A	4304732303005S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	4304731974005S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	4304731971005S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	4304732350005S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	4304732349005S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	4304731963005S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	4304731964005S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	4304731965005S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	4304731967005S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	4304731966005S1
NBU 132	26-9-21 NWNW	U01194	891008900A	4304731938005S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	4304731950005S1
NBU 134	28-9-21 SWSW	U05676	891008900A	4304732011005S1
NBU 136	19-9-22 SWSE	UTU0284	891008900A	4304731968005S1
NBU 137	30-9-22 SESE	ML22935	891008900A	4304731939005S1 ✓
NBU 138A	33-9-22 SENE	UTU01191A	891008900A	4304732151005S1
NBU 139	14-10-21 SWNE	UTU465	891008900A	4304731948005S1
NBU 140	5-10-22 NWNE	UTU01191A	891008900A	4304731947005S1
NBU 141	6-10-22 SENW	UTU464	891008900A	4304732017005S1
NBU 142	10-10-22 NESE	UTU025187	891008900A	4304732013005S1
NBU 143	10-9-21 SWNE	U0141315	891008900A	4304732297005S1
NBU 144	23-9-21 NWNW	UTU0149075	891008900A	4304732044005S1
NBU 145	27-9-21 NWNE	U01194A	891008900A	4304731976005S1 ✓
NBU 146	14-10-21 SWNW	UTU465	891008900A	4304731985005S1
NBU 147	4-10-22 NWSW	UTU01191	891008900A	4304731984005S1
NBU 148	4-10-22 SESW	UTU01191	891008900A	4304731983005S1

006

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR WESTPORT O&G COMPANY L.P
ADDRESS P.O. BOX 1148
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	2900	43-047-35110	NBU 1021-2O	SWSE	2	10S	21E	UINTAH	11/8/2003	11/20/03

WELL 1 COMMENTS: MVRD
MIRU BILL JR'S RAT HOLE DRILLING
SPUD WELL LOCATION ON 11/8/03 AT 12:00 PM.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 2 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existi
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Post-it® Fax Note 7671 | Date 11/10 | # of pages ▶
To IRENE RUSSELL | From SHEILA UPCHEGO
Co./Dept. DOGM | Co. WESTPORT O&G CO.L.P.
Phone # (801) 538-5334 | Phone # (435) 781-7024
Fax # (801) 359-3940 | Fax # (435) 781-7094

Signature

REGULATORY ANALYST 11/11/03
Title Date

Phone No. (435) 781-7024

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Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

007

6. Lease Designation and Serial Number: ML-13826
7. Indian Allottee or Tribe Name:
8. Unit or Communitization Agreement: NATURAL BUTTES UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)
9. Well Name and Number: NBU 1021-2O
2. Name of Operator: WESTPORT OIL & GAS COMPANY, L.P.
10. API Well Number: 43-047-35110
3. Address of Operator: P.O. BOX 1148, VERNAL, UTAH 84078
4. Telephone Number: 435-781-7060
11. Field and Pool, or Wildcat: NATURAL BUTTES
5. Location of Well
Footage : 185' FSL 1328' FEL
QQ, Sec, T., R., M : SWSE SEC 2-T10S-R21E
County : UINTAH
State : UTAH

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other DRILLING OPERATIONS	
[ ] Other			

Approximate Date Work Will Start: _____

Date of Work Completion: 12/7/03

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RAN 229 JTS 4 1/2" M-80 11.60# LTC CSG TO 9760'. START CMT JOB. FRESH WATER, 6 BBLS SCAVENGER GONE. CIRC CSG & HOLE CLEAN W/ RIG PUMP. PUMP 20 BBLS FW AHEAD OF 30 BBLS SCAVENGER CMT @ 9.5 PPG YLD 4.75 CU.FT/SK. FOLLOWED BY 355 SKS PREM LITE II + 3% KCL + 0.25 PPS CELLOFLAKE + 5 PPS GILSONITE + 10% GEL + 0.5% EXTENDER @ 11.0 PPG YLD 3.38 CU.FT/SK. TAIL IN W/ 2020 SKS 50/50 POZ + 10% SALT + 2% GEL + .1% R-3 @ 14.30 PPG YLD 1.31 CU.FT/SK. WASH LINES TO PIT. DROP PLUG & DISP W/ 151.1 BBLS F.W. W/ MAGNACIDE 575. CIRC 114 BBLS CMT TO PIT. RIG RELEASED AT 10:00 HRS 12/6/03.

14. I hereby certify that the foregoing is true and correct.

Name & Signature: DEBRA DOMENICI Title: SR ADMIN ASSIST Date: 12/08/03

(State Use Only)

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DIV. OF OIL, GAS & MINING

(8/90) See Instructions on Reverse Side

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

0:0 8

6. Lease Designation and Serial Number: ML-13826
7. Indian Allottee or Tribe Name:
8. Unit or Communitization Agreement: NATURAL BUTTES UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other (specify)
9. Well Name and Number: NBU 1021-2O
2. Name of Operator: WESTPORT OIL & GAS COMPANY, L.P.
10. API Well Number: 43-047-35110
3. Address of Operator: 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078
4. Telephone Number: (435)781-7060
11. Field and Pool, or Wildcat: NATURAL BUTTES
5. Location of Well
Footage : 185' FSL 1328' FEL
QQ, Sec, T., R., M : SWSE SEC 2-T10S-R21E
County : UINTAH
State : UTAH

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other PRODUCTION START-UP	
☐ Other			

Approximate Date Work Will Start: _____

Date of Work Completion: 2/2/04

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE SUBJECT WELL WAS PLACED ON SALES AT 9:30 AM ON 2/2/04. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL DRILLING AND COMPLETION HISTORY REPORT.

14. I hereby certify that the foregoing is true and correct.

Name & Signature: DEBRA DOMENICI Debra Domenici Title: SR ADMIN ASSIST Date: 02/05/04

(State Use Only)

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DIV OF OIL, GAS & MINING

(8/90) See Instructions on Reverse Side

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1021-20

UINTAH COUNTY, UT

DRILLING REPORT:

SPUD	Surface Casing	Activity	Status
9/29/03		**Build Location, 20% Complete**	
9/30/03		**Build Location, 30% complete**	
10/01/03		**Build Location, 40% complete**	**Caza 81**
10/02/03		**Build Location, 50% complete**	**Caza 81**
10/03/03		**Build Location, 70% complete**	**Caza 81**
10/06/03		**Build Location, 80% complete**	**Caza 81**
10/07/03		**Build Location, 98% complete**	**Caza 81**
10/8/03		**Build Location, 98% complete**	**Caza 81**
10/9/03		**Build Location, 100% complete**	**Caza 81**
10/10/03		**Build Location, 100% complete**	**Caza 81**
10/13/03		**Build Location, 100% complete**	**Caza 81**
10/14/03		**Build Location, 100% complete**	**Caza 81**
10/15/03		**Build Location, 100% complete**	**Caza 81**
10/16/03		**Build Location, 100% complete**	**Caza 81**
10/17/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/20/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/21/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/22/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/23/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/24/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/27/03	**w/o Air Rig**	**Location Complete**	**Caza 81**
10/28/03	**w/o Air Rig**	**Location Complete**	**Caza 81**

10/29/03		w/o Air Rig	Location Complete	Caza 81
10/30/03		w/o Air Rig	Location Complete	Caza 81
10/31/03		w/o Air Rig	Location Complete	Caza 81
11/3/03		w/o Air Rig	Location Complete	Caza 81
11/4/03		w/o Air Rig	Location Complete	Caza 81
11/5/03		w/o Air Rig	Location Complete	Caza 81
11/6/03		w/o Air Rig	Location Complete	Caza 81
11/7/03		w/o Air Rig	Location Complete	Caza 81
11/10/03		w/o Air Rig	Location Complete	Caza 81
11/11/03	11/8/03		Drlg 12 ¼" surf hole	Caza 81
11/12/03	11/8/03		Drlg 12 ¼" surf hole	Caza 81
11/13/03	11/8/03		Drlg 12 ¼" surf hole	Caza 81
11/14/03	11/8/03	9 5/8" @ 2016'		WORT Caza 81
11/17/03	11/8/03	9 5/8" @ 2016'		WORT Caza 81
11/18/03	11/8/03	9 5/8" @ 2016'		WORT Caza 81

11/19/03 TD: 2016' Csg. 9 5/8"@2016' MW:XX SD:11/X/03 DSS:0
Begin rig move from 1021-16G today. Estimated spud 11/20/03.

11/20/03 TD: 2016' Csg. 9 5/8"@2016' MW:XX SD:11/X/03 DSS:0
MIRU. Test BOPE. Picking up BHA @ report time.

11/21/03 TD: 3700' Csg. 9 5/8"@2016' MW:8.4 SD:11/20/03 DSS:1
PU BHA. Drill float equipment. Drill from 2016'-3700'. DA @ report time.

11/24/03 TD: 7160' Csg. 9 5/8"@2016' MW:8.4 SD:11/20/03 DSS:4
Drill from 3700'-7160'. DA @ report time.

11/25/03 TD: 7480' Csg. 9 5/8"@2016' MW:8.8 SD:11/20/03 DSS:5
Drill from 7160'-7348'. TFNB. Drill from 7348'-7480'. DA @ report time.

11/26/03 TD: 8140' Csg. 9 5/8"@2016' MW:8.7 SD:11/20/03 DSS:6
Drill from 7480'-8140'. DA @ report time.

12/1/03 TD: 9473' Csg. 9 5/8"@2016' MW: 10.1 SD:11/20/03 DSS:11
Drill from 8140'- 8579'. Lost circ. Mix and pump LCM pills. Drill from 8579'-9079'. TFNB. Drill from 9079'-9439'. Circ gas kick through choke and buster. Lost circ at 9449'. Mix and pump LCM pills. Drill from 9449'- 9473'. Circ gas kick through buster @ report time.

12/2/03 **TD: 9482' Csg. 9 5/8"@2016' MW: 10.1 SD:11/20/03 DSS:12**
Circ gas kick through buster and condition mud. Drlg f/9473'-9482'. Take gas kick. Circ gas through gas buster. Lost Circulation. Shut well in . Mix mud and LCM. Kill well through choke. Open well. Circ and work pipe. Hole tight. Work pipe at 9356'. Hole packing off.

12/3/03 **TD: 9632' Csg. 9 5/8"@2016' MW: 10.2 SD:11/20/03 DSS:13**
Work tight hole from 9356-9306'. CCH and pump LCM. Regain full returns. Wash and Ream from 9306'- 9482'. Drill to 9632'. DA @ report time.

12/4/03 **TD: 9760' Csg. 9 5/8"@2016' MW: 10.4 SD:11/20/03 DSS:14**
Drill from 9632'-9760' TD. CCH. Make 20 std wiper trip. Had 27 bbl mud gain on btms up. CCh and raise mud weight to 10.4 ppg @ report time.

12/5/03 **TD: 9760' Csg. 9 5/8"@2016' MW: 10.5 SD:11/20/03 DSS:15**
CCH and raise mud weight to 10.5 ppg. POOH for O/H logs, Run PEX. TIH w/BHA and 38 stds DP. Lay down same @ report time.

12/8/03 **TD: 9760' Csg. 9 5/8"@2016' MW: 10.5 SD:11/20/03 DSS:17**
Finish laying down drill pipe and BHA. Run and cement 4 ½" Production Casing@ 9760'. ND BOPE and set slips. Release rig @ 1000 hrs 12/6/03. Rig down and conduct rig repairs. Will move to NBU 420 12/9/03.

12/9/03 **TD: 9760' Csg. 9 5/8"@2016' MW: 10.5 SD:11/20/03 DSS:17**
Release rig @ 1000 hrs 12/6/03. Rig down and conduct rig repairs. Will move to NBU 420 12/10/03.

1/27/04 HELD SAFETY MEETING. MOVING RIG & EQUIP. ROAD RIG FROM SC 923-31J TO NBU 1021-2O. MIRU. SPOT EQUIP. NDWH. NUBOP. RU FLOOR & TBG EQUIP. PU & RIH W/3 7/8" MILL & 144 JTS 2 3/8" NEW J-55 TBG. (SLM) TBG WAS DRIFTED. EOT (MILL) @ 4750'. 5:00 PM SWI. SDFN.
NOTE: PRIOR TO MIRU, CUTTERS RAN CBL-CCL-GR LOG FROM 9657' TO 30'. CMT TOP @ 160'.

1/28/04 HELD SAFETY MEETING. PU TBG. EOT @ 4750'. CONT PU & RIH W/2 3/8" TBG. TAG PBTD @ 9713'. REV CIRC WELL W/150 BBLS 2% KCL. POOH TBG. LD MILL. RD FLOORING EQUIP. NDBOP. NU (2) 4 1/16" 10K FRAC VALVE. MIRU DBL JACK. PRESS TST 4 1/2" CSG & FRAC VALVE TO 7500#. HELD GOOD. RDMO DBL JACK. MIRU CUTTERS. RIH W/PERF GUN & PERF TO SEGO @ 9491'-9509'; 9474'-9487'; 9426'-9437'; MV @ 8954'-8961', USING 3 3/8" EXP GUN, 23 GRAM CHARGES, 0.35 HOLE, 90 DEG PHASING, 4 SPF, 196 HOLES (PERF ONLY ZONE). 1600# AFTER PERF, 3 RUNS PER CUTTERS. PREP TO FRAC W/BJ IN AM. 8:00 PM SDFN.

1/29/04 MIRU BJ & CUTTERS. HELD SAFETY MEETING. PT SURF LINES TO 8545#. WHP: 2235#. (PERF ONLY) PMP'D 90 BBLS 2% KCL @ 5500# @ 29 BPM. ISIP: 3250#, FG: .79. CALCULATED 24 PERFS OPEN. BALL OUT PERFS W/ 9 BBLS 15% HCL W/ 200 BIO-BALLS W/ 210 BBLS 2% KCL @ 3810# @ 15 BPM. SURGE BALLS OFF PERFS 3 TIMES & LET FALL TO BTM FOR 20 MIN.
STAGE 1: RIH W/ 4-1/2" BAKER 10K CBP & PERF GUNS. SET CBP @ 8920'. PERF MV @ 8651-8656', 2 SPF, 180 DEG PHASING, 8747-8751' & 8856-8859', 4 SPF, USING 3 3/8" EXP GUNS, 23 GRAM CHARGES, 0.35, 90 DEG PHASING, (38 HOLES) 1 RUN FOR CUTTERS. BRK DN PERFS @ 3526 @ 5 BPM. PMP'D 89 BBLS 2% KCL @ 6630 @ 37 BPM. ISIP=2870, F.G.=.76, PMP'D 1614 BBLS LIGHTNING 18 GEL, 156,948# 20/40 MESH SD. ISIP: 3820#, FG: .87, NPI: 950#, MTP: 5422#, MTR: 40 BPM, ATP: 4685#, ATR: 39 BPM. TAGGED W/ IRIDIUM.

STAGE: 2: RIH W/ 4-1/2" BAKER 10K CBP & PERF GUNS. SET CBP @ 8250'. PERF MV @ 7994-8009', 1 SPF; 8033-8038', 8047-8052', & 8179-8184' USING 3 3/8" EXP GUNS, 23GRAM CHARGES, 0.35, 90 DEG PHASING, 4 SPF, (75 HOLES) 2 RUNS FOR CUTTERS. BRK DN
PERFS @ 4628# @ 5 BPM. PMP'D 58 BBLS 2% KCL @ 5570# @ 40 BPM. ISIP: 2550#, FG: .75, PMP'D 3189 BBLS LIGHTNING 18 GEL, 377,527# 20/40 MESH SD. ISIP: 3900#, FG: .92, NPI: 1350#, MTP: 5654#, MTR: 45, ATP: 5000#, ATR: 45 BPM. TAGGED W/ IRIDIUM.
STAGE 3: RIH W/ 4-1/2" BAKER 10K CBP & PERF GUNS. SET CBP @ 7850'. PERF WASATCH @ 7276-7280', MV @ 7348-7356', 7502-7512', 7561-7569', 7664-7675' & 7747-7754' USING 3 3/8" EXP GUNS, 23GRAM CHARGES, 0.35, 90 DEG PHASING, 4 SPF, (192 HOLES) 3 RUNS FOR CUTTERS. PREP TO FRAC STAGE 3 IN AM. DRAIN PMP'S & LINES.

1/30/04

HELD SAFETY MEETING. PT SURF LINES TO 8200#. WHP: 975#.
STAGE 3: CONT ON. BRK DN PERFS @ 3280# @ 5 BPM. PMP'D 65 BBLS 2% KCL @ 5570# @ 40 BPM. ISIP: 2550#, FG: .75, PMP'D 3189 BBLS LIGHTNING 18 GEL, 377,527# 20/40 MESH SD. ISIP: 2710#, FG: .79, NPI: 560, MTP: 4944#, MTR: 46.8 BPM, ATP: 4210#, ATR: 46.6 BPM. TAGGED W/ IRIDIUM.
STAGE 4: RIH W/ 4 1/2" BAKER 5K CBP & PERF GUNS. SET CBP @ 7140'. PERF WASATCH @ 6776-6783' USING 3 3/8" EXP GUNS, 23 GRAM CHARGES, 0.35, 90 DEG PHASING, 4 SPF, (28 HOLES) 1 RUN FOR CUTTERS. BRK DN PERFS @ 3175# @ 5 BPM. PMP'D 28 BBLS
2% KCL @ 4670 @ 28 BPM. ISIP: 2550#, FG: .81. PMP'D 898 BBLS LIGHTNING 18 GEL, 96,420# 20/40 MESH SD. ISIP: 2700#, FG: .83. NPI: 150#, MTP: 4837#, MTR: 32.1, ATP: 3625#, ATR: 32 BPM.
STAGE 5: RIH W/ 4 1/2" BAKER 5K CBP & PERF GUNS. SET CBP @ 6350'. PERF WASATCH @ 6288-6298" USING 3 3/8" EXP GUNS, 23 GRAM CHARGES, 0.35, 90 DEG PHASING, 4 SPF, (40 HOLES) 1 RUN FOR CUTTERS. BRK DN PERFS @ 4487# @ 5 BPM. PMP'D 34 BBLS 2% KCL @ 3100# @ 30 BPM. ISIP: 1600#, FG: .69. PMP'D 910 BBLS LIGHTNING 18 GEL, 96,282# 20/40 MESH SD. ISIP: 1850#, FG: .73, NPI: 250#, MTP: 4500#, MTR: 31.1 BPM, ATP: 2510#, ATR: 30.8 BPM.
STAGE 6: RIH W/ 4 1/2" BAKER 5K CBP & PERF GUNS. SET CBP @ 6150'. PERF WASATCH @ 5558'-5565' USING 3 3/8" EXP GUN, 23 GRAM CHARGES, 0.35, 90 DEG PHASING, 4 SPF, (28 HOLES) 1 RUN FOR CUTTERS. BRK DN PERFS @ 3552# @ 5 BPM. PMP'D 23 BBLS 2% KCL @ 3300# @ 20 BPM. ISIP: 2100#, FG: .81. PMP'D 620 BBLS LIGHTNING 16 GEL, 61,278# 20/40 MESH SD. ISIP: 2900#, FG: .96, NPI: 800#, MTP: 3480#, MTR: 20.4 BPM, ATP: 2825#, ATR: 20.3 BPM. RIH W/ 4 1/2" BAKER 5K CBP & SET @ 5450'. RDMO CUTTERS & BJ. ND FRAC VALVES, NUBOP & WASHINGTON STRIPPING HEAD. RU FLOOR & TBG EQUIP. RIH W/ 3-7/8" MILL TOOTH BIT, POBS, 1 JT 2 3/8" TBG, TRN NIPPLE & NEW 2 3/8" J-55 TBG. EOT @ 5430'. RU SWVL. PREP TO DRILL OUT (7) CBP'S IN AM. TOTAL SD: 1,231,233# & TOTAL FLU: 11,355 BBLS. 6:30 PM SWI, SDFN.

2/2/04

HELD SAFETY MEETING. DRILLING EQUIP & PLUGS. EOT@ 5430'. EST CIRC W/ 2% KCL W/ RIG PMP.
DRLG CBP #1 @ 5450'. DRILL OUT 5K CBP IN 5 MIN. 800# DIFF. RIH. TAG SD @ 6040'. CO 110' SD.
DRLG CBP #2 @ 6150'. DRILL OUT 5K CBP IN 5 MIN. 500# DIFF. RIH. TAG SD @ 6300'. CO 50' SD.
DRLG CBP #3 @ 6350'. DRILL OUT 5K CBP IN 3 MIN. 100# DIFF. RIH. TAG SD @ 7050'. CO 90' SD.
DRLG CBP #4 @ 7140'. DRILL OUT 5K CBP IN 23 MIN. 500# DIFF. RIH. TAG SD @ 7760'. CO 90' SD.
DRLG CBP #5 @ 7850'. DRILL OUT 10K CBP IN 10 MIN. 200# DIFF. RIH.TAG SD @ 8190'. CO 60' SD.

DRLG CBP #6 @ 8250'. DRILL OUT 10K CBP IN 40 MIN. 100# DIFF. RIH.TAG SD @ 8860. CO 60' SD.
DRLG CBP #7 @ 8920'. DRILL OUT 10K CBP IN 35 MIN. 0# DIFF. SHOW OF GOOD GAS. RD SWVL. RIH TO PBTD @ 9713'. POOH & LD 46 JTS ON FLOAT. LAND TBG ON HANGER W/ 253 NEW 2 3/8" J-55 TBG. RD FLOOR & TBG EQUIP. EOT @ 8229.71' TRN W/ NO-GO BORED OUT TO 1.78" TRN @ 8195.19'. NDBOP, NUWH. DROP BALL & PMP OFF BIT @ 2000#.
AVG 17 MIN/PLUG & CO TOTAL OF 460' SD. FLOW WELL BACK TO PIT ON OPEN CHK. FTP: 350#, SICP: 1150#. ORIGINAL LTR: 11,355 BBLS.
1/31/04 FLOW BACK REPORT: CP: 1500#, TP: 250#, 64/64" CHK, 15 HRS, 110 BWPH, SD: TRACE, 2240 BW, TOTAL LOAD TO REC: 8775 BBLS, LLTR: 6535 BBLS.
2/1/04 FLOW BACK REPORT: CP: 1900#, TP: 250#, 64/64" CHK, 24 HRS, 70 BWPH, SD: TRACE, HEAVY GAS, 1790 BW, LLTR: 4745 BBLS, HAULED 6050 BBLS FROM PIT.
2/2/04 FLOW BACK REPORT: CP: 1550#, TP: 250#, 64/64" CHK, 24 HRS, 39 BWPH, SD: CLEAN, HEAVY GAS, 1098 BW, LLTR: 3647 BBLS.

2/3/04 WELL WENT ON SALES 2/2/04, 9:30 AM, 1500 MCF, SICP: 1800#, FTP: 700#, 20/64" CHK, 28 BWPH.

2/4/04 **ON SALES**
2/2/04: 1151 MCF, 0 BC, 570 BW, TP: 595#, CP: 1725#, 20/64" CHK, 20.5 HRS, LP: 137#.

FORM 8

009

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-13826

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

7. UNIT AGREEMENT NAME: NATURAL BUTTES UNIT

1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME, WELL NO.: NBU

2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.

9. WELL NO.: 1021-2O

3. ADDRESS AND TELEPHONE NO.: 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 435-781-7060/435-828-1087

10. FIELD AND POOL OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements)

At Surface: SESE 185' FSL 1328' FEL

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC 2-T10S-R21E

At top prod. Interval reported below

At total depth

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-047-35110	8/18/03	UINTAH	UTAH

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod. or Plug &	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11/8/03	12/6/03	2/2/04	5191.6' GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL.,	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
9760' MD TVD	TD 9713' MD TVD	HOW MANY	DRILLED BY ---->		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN: PE/AI/RES, PE/DEN/PR, CLB-CCL-GR-Rec 1-27-04, MICROLOG Rec - 12-11-03

27. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)
DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9.625" J-55	36#	2016	12.25"	PREM CLASS G 995 SX 1.18 YLD 1	
				PPG 1174.1 CF 209.1 BBLS	
4.5" M-80	11.6#	9759.88	7.875"	LEAD- LTWT SCAVENGER 20 SX 9	
				LTWT PREM LITE II 355 SX 3.38 YL	
				PPG 1199.9 CF 213.7 BBLS	
				TAIL- 50/50 POZ MIX 2020 SX 1.31	
				14.3 PPG 2646.2 CF 471.3 BBLS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375"	8230	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
8954-9509		196
8651-8859		38
7994-8184		75
7272-7754		192
6776-6783		28
6288-6298		40
5558-5565		28

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8954-9509	90 BBLS 2% KCL
8651-8859	1614 BBLS LIGHTNING 18 GEL, 156,948# 20/40 MESH SD
7994-8184	3189 BBLS LIGHTNING 18 GEL, 377,527# 20/40 MESH SD
7272-7754	3189 BBLS LIGHTNING 18 GEL, 377,527# 20/40 MESH SD
6776-6783	898 BBLS LIGHTNING 18 GEL, 96,420# 20/40 MESH SD
6288-6298	910 BBLS LIGHTNING 18 GEL, 96,282# 20/40 MESH SD
5558-5565	620 BBLS LIGHTNING 16 GEL, 61,278# 20/40 MESH SD

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
2/2/04	FLOWING	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2/4/04	24	20/64"	---->	0	1447	672	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
522#	1404#	---->	0	1447	672	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

RECEIVED
MAR 5
DIV OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED DEBRA DOMENICI TITLE SR ADMINISTRATIVE ASSISTANT DATE 3/12/2004

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.
ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.
WASATCH	4627	7316	
MESAVERDE	7316	9424	
SEGO	9424	9580	
BUCK TONGUE	9580	9591	
CASTLEGATE	9591		

38. GEOLOGIC MARKERS

Name	Top	
	Meas. Depth	True Vert. Depth

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **WESTPORT OIL & GAS COMPANY LP**

Well Name: **NBU 1021-2O**

Api No: **43-047-35110** Lease Type: **STATE**

Section **02** Township **10S** Range **21E** County **UINTAH**

Drilling Contractor **BILL JR'S** **RIG #** **RATHOLE**

SPUDDED:

Date **11/08/03**

Time **12:00 AM**

How **DRY**

Drilling will commence:

Reported by **JIM MURRAY**

Telephone # **1-435-828-1730**

Date **11/13/2003** Signed **CHD**

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: ML-13826

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals

7. Indian Allottee or Tribe Name:

8. Unit or Communitization Agreement: NATURAL BUTTES UNIT

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other (specify)

9. Well Name and Number: **NBU #1021-2O**

2. Name of Operator: WESTPORT OIL & GAS COMPANY L.P.

10. API Well Number: 43-047-35110

3. Address of Operator: P.O. BOX 1148 VERNAL, UT 84078

4. Telephone Number: (435) 781-7024

11. Field and Pool, or Wildcat: NATURAL BUTTES

5. Location of Well
Footage : 185'FSL & 1328'FEL
QQ, Sec, T., R., M : SWSE SECTION 2-T10S-R21E
County : UINTAH
State : UTAH

12. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate Date Work Will Start: _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [X] Other WELL SPUD
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of Work Completion: 11/8/03

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU BILL JR'S RATHOLE DRILLING. DRILLED 12 1/4" SURFACE HOLE TO 2016'.
RAN 9 5/8" 36# J-55. CMT W/165 SX @15.6 PPG 1.18 YIELD 2% CACL2 .25#/SK FLOCELE.
PMP 50 SX G CMT PMP 150 SX G CMT @15.6 PPG 3% CACL2 .25#/SK FLOCELE.
PMP 115 SX G CMT NO CMT SURFACE. PMP 300 SX G CMT NO CMT.

SPUD WELL LOCATION ON 11/8/03 AT 12:00 PM.

RECEIVED
NOV 24 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature: Sheila Upchego Title: Regulatory Analyst Date: 11/14/03

(State Use Only)

(8/90) See Instructions on Reverse Side

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **1/6/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-McGee Oil & Gas Onshore, LP
1368 South 1200 East	1368 South 1200 East
Vernal, UT 84078	Vernal, UT 84078
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024

CA No. **Unit:** **NATURAL BUTTES UNIT**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 3/7/2006
4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on:
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
KERR-McGEE OIL & GAS ONSHORE LP

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

BLM BOND = CO1203
BIA BOND = RLB0005239

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
RANDY BAYNE	DRILLING MANAGER
Signature	Date
Randy Bayne	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
MUTIPLE WELLS

2. Name of Operator
WESTPORT OIL & GAS COMPANY L.P.

9. API Well No.

3a. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SEE ATTACHED

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CHANGE OF OPERATOR
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
BRAD LANEY	ENGINEERING SPECIALIST
Signature	Date
	May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Brad Laney		5-9-06
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)